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DESCRIPTIVE PRICE LIST

“DEPENDABLE”
VEGETABLE — FARM — FLOWER
SEEDS

1932

CASSEL'S SEED STORE

F. P. CASSEL'S SON

711 W. MAIN ST. LANSDALE, PA.

PHONE 866

BE THRIFTY — PLANT CASSEL'S SEEDS

Vegetable Seed Trials

FEB 9 1932

Due to present unusual economic conditions and frequent market changes, we have not included prices on many items in our 1932 issue of this catalog. Please ask for firm quotations when ready to buy.

WE PAY POSTAGE OR FREIGHT

on any quantity

VEGETABLE and FLOWER SEEDS, LAWN GRASS SEEDS, NITRAGIN
at prices given herein

To Any Freight Station or Post Office, our option, in U. S. A.
when remittance is enclosed with order.

Prices on **ASPARAGUS ROOTS, FARM SEEDS** and all other Merchandise named herein,
except where noted are **F. O. B. Lansdale**

To Our Customers

We select our Seeds with great care for both our customers and our own interests. We endeavor to supply only those Seeds that are of highest quality and germination, coming from most reliable Seed growers, having been grown under careful supervision. We offer varieties that from tests by growers and reports from our customers have been found to give the most desirable results.

Most of the failures of Seeds, Plants, and Bulbs, are due to various causes entirely beyond our control such as unfavorable weather or soil conditions, too deep or too shallow planting, fertilizing, cultivation, etc., which renders it impossible for us to guarantee successful results; and all our Seeds are sold with the understanding that, if purchaser does not accept Seeds on these terms, they shall be returned to us at once, and amount paid will be refunded.

DISCLAIMER—F. P. Cassel's Son gives no warranty, express or implied, as to the description, quality, productiveness or any other matter of any seeds, bulbs, roots or plants he sells and will not be responsible for the crop.

TERMS: Our terms are strictly cash with order. Remittance may be made by Postal Money Orders, Stamps, Registered Letter, or personal check. Where personal check is received from unknown parties, same will be cashed before order is executed. All bags and packages are included on Seeds and Feeds without extra charge. All prices are subject to change, unsold, confirmation. We reserve the right to limit quantities when for any reason this is necessary.

Regular Business Hours—7 A. M. to 6 P. M., except Saturday, when store closes at 12 o'clock noon. For the convenience of our customers during the months of MARCH, APRIL and MAY store is open on SATURDAY AFTERNOONS until 4.30.

CASSEL'S SEED STORE

F. P. Cassel's Son—Lansdale, Pa.

(S. H. CASSEL)

Errors and Omissions Excepted

January 20, 1932

Phone 866

CASSEL'S DEPENDABLE SEEDS — POULTRY and FARM SUPPLIES — FEEDS

Are sold on a "money back plan." If any merchandise you buy from us does not please you—return it within five days, and amount paid will be refunded.

ASPARAGUS SEED

Culture—1 oz. should produce about 400 plants.

Sow early in spring 1 inch apart in rows 2 ft. apart. Cover lightly. Keep free from weeds and reset in fall or following spring.

MARY WASHINGTON—Dark green sprout.

Pkt., 10c; oz., 18c; 2 oz., 30c; 4 oz., 50c; 8 oz., 80c; lb., \$1.45.

ASPARAGUS ROOTS

Market variable; prices subject to change.

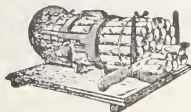
Culture—5000 roots to 1 acre. 100 per 100 ft. row.

Plant early in spring. Select good loamy soil. Cultivate deep. Dig trench 12 to 15 inches deep. Fill in with bone, stable or other good manure to within 10 inches of top. Cover with 2 inches ground, set roots 12 to 15 inches apart and fill in to top of trench. Place rows in garden 2 ft. apart, in field culture, 4 ft. apart.

WASHINGTON—A rust-resisting asparagus recently introduced, which is highly recommended and may largely replace older varieties. A heavy yielding variety with long, thick, heavy stalks, closely folded at tips. Does not open or begin to sprout until well out of ground. Color, rich, dark green.

Prices F. O. B. Lansdale.

Per 1000, \$12.00; less than 500 @ \$1.70 per 100; less than 100 @ 2c ea.



Asparagus Buncher—\$3.95

Asparagus Knives—55c

V-Shaped Blade.

Asparagus and Celery Tape

Fast color red. 1000 yard spool. Light weight, \$1.70; Heavy, \$2.85; Starched, \$3.10.

Asparagus Twine Jute

Many ends, cut to size wanted. Lb., 30c.

Salt for Asparagus

100 lbs., \$1.00; ton, \$19.00.



Washington Asparagus

BEETS

Culture—2 oz. to 100 ft., 5 to 6 lbs. to acre.

Plant in light, rich, well-worked soil as early in spring as ground will permit, in rows 12 to 24 inches apart, 1/4 inch deep. For main crop sow early in May, for winter use sow in June. Thin out to 3 inches apart. To grow smooth beets fresh manure should be avoided.

CASSEL'S FAVORITE EARLY — A special selection of Crosby with smaller top and tap root. Uniform size. Very dark red with little tendency to zoning. An excellent variety.

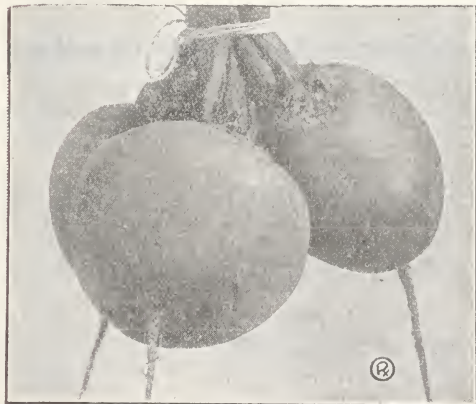
Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 65c; lb., \$1.15.

DETROIT DARK RED—An excellent medium early or main crop variety for home or market gardeners and for canning purposes. Roots uniformly smooth, medium size, globe-shaped. Skin dark red, flesh solid, rich blood red, sweet, tender and delicious. Tops are small, dark green shaded with red, of upright growth, thus allowing planting in close rows, a valuable feature where space is limited. Fine for market bunching. Matures for use in 48 to 52 days.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 60c; lb., \$1.00.

EARLY ECLIPSE **CROSBY'S EGYPTIAN**
HALF LONG BLOOD **CRIMSON GLOBE**
BASSANO **WHITE SUGAR**

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., 90c.



Cassel's Favorite Beet



Fordhook Bush Limas

BUSH LIMA BEANS

Culture—1 pt. to 100 ft. row; 1 bu. per acre.

Plant after May 20th in rows 2 to 3 ft. apart; place bean with eye down 6 inches apart in row. Cover with 1 inch soil. Inoculate with Nitragin.

NOTE—50 lbs. or over at 100 lb. price.

FORDHOOK BUSH LIMA—A most excellent variety of highest quality. Pods about 5 inches long, containing 4 to 5 large, oval-shaped, very thick beans. Produces beans in clusters and plants are of strong upright growth, preventing rotting during wet weather. Mature for use in 70 to 75 days. Have distinctive mealy taste.

$\frac{1}{2}$ pt., 22c; pt., 38c; qt., 70c; 2 qt., \$1.30; 4 qt., \$2.40; 15 lbs., \$4.35; 25 lbs., \$6.50; 100 lbs., \$24.00.

IMPROVED BUSH LIMA—Bean is large and thick. Pods measure 5 to 6 inches long. Strong and vigorous, producing attractive pods in clusters. Have a delicious flavor. Productive and more hardy for early planting than some types, being less likely to rot in cold weather.

$\frac{1}{2}$ pt., 22c; pt., 37c; qt., 68c; 2 qt., \$1.25; 4 qt., \$2.35; 15 lbs., \$4.00; 25 lbs., \$6.00; 100 lbs., \$22.00.

HENDERSON BUSH—Small flat bean.

$\frac{1}{2}$ pt., 20c; pt., 35c; qt., 60c; 2 qt., \$1.15; 4 qt., \$2.20; 15 lbs., \$3.75; 25 lbs., \$5.50.

POLE LIMA BEANS

Culture—1 qt. to 150 hills.

Plant after May 20th in rich, loamy soil. Germ is delicate and ground should be warm. Set poles 3 ft. apart each way. Plant 4 beans to hill, eye of bean down. Cover with 1 or 2 inches soil.

GIANT GREEN PROLIFIC—Most desirable of flat pole limas. Large pods 6 to 7 inches long, borne in clusters. Excellent quality.

$\frac{1}{2}$ pt., 20c; pt., 35c; qt., 60c; 2 qt., \$1.15; 4 qt., \$2.20; 15 lbs., \$3.75; 25 lbs., \$5.50; 100 lbs., \$20.00.

DREER'S IMPROVED or **CHALLENGER**—Plants vigorous, hardy and productive. Pods contain 4 to 5 thick, medium size, light green beans. Also known as Potato Lima. Produce more shelled beans than flat podded sorts. Continue to produce for long time.

$\frac{1}{2}$ pt., 22c; pt., 38c; qt., 70c; 2 qt., \$1.30; 4 qt., \$2.40; 15 lbs., \$4.35; 25 lbs., \$6.50; 100 lbs., \$24.00.

KING OF THE GARDEN— $\frac{1}{2}$ pt., 20c; pt., 35c; qt., 60c; 2 qt., \$1.15; 4 qt., \$2.20; 15 lbs., \$3.75; 25 lbs., \$5.50; 100 lbs., \$20.00.

BEANS—Pole or Running

GOLDEN CLUSTER WAX—An excellent pole, wax podded variety. Vigorous, hardy and productive. Pods $6\frac{1}{2}$ to 7 inches long, straight, broad, flat, very fleshy, attractive and high quality. Color light waxy yellow. Bean white, oval shaped. Remain in condition for use a long time. Mature for use in about 70 days.

$\frac{1}{2}$ pt., 22c; pt., 36c; qt., 65c; 2 qt., \$1.20; 4 qt., \$2.25; 15 lbs., \$3.80; 25 lbs., \$5.60.

KENTUCKY WONDER or **OLD HOMESTEAD** (Green Podded)—Most desirable green podded, climbing or corn-hill bean. Pods 8 to 9 inches long, slender, decidedly curved, tender, good quality and productive. Mature for use in 65 to 70 days.

$\frac{1}{2}$ pt., 20c; pt., 35c; qt., 60c; 2 qt., \$1.10; 4 qt., \$2.00; 15 lbs., \$3.45; 25 lbs., \$5.00.

HORTICULTURAL

(Green Pod)

KENTUCKY WONDER

WAX

LAZY WIFE

(Green Pod)

CASE KNIFE

(Shelling Beans)

$\frac{1}{2}$ pt., 22c; pt., 36c; qt., 65c; 2 qt., \$1.20; 4 qt., \$2.25; 15 lbs., \$3.80; 25 lbs., \$5.60.

Mangel Beets For Feeding

Culture—2 oz. to 100 ft.; 5 to 6 lbs. to acre.

Sow early in May in rows 2 to 3 ft. apart. Seed should be dropped 2 inches apart. Cover with 1 inch of soil. Later thin out to stand 9 to 15 inches apart.

MAMMOTH LONG RED—Attains very large size, producing 30 to 50 tons to acre. Roots long and uniformly round, light red. gr wing well above ground. Flesh rose colored and white.

Oz. pkt., 10c; 2 oz., 15c; 4 oz., 20c; 8 oz., 32c; lb., 55c; 5 lbs., \$2.50; 10 lbs., \$4.50.

GOLDEN TANKARD—Roots large, long and round in shape, narrowing abruptly at both ends. Skin deep orange yellow. Flesh yellow zoned with white. Neck and top are small. Sweet and productive.

Oz. pkt., 10c; 2 oz., 15c; 4 oz., 20c; 8 oz., 32c; lb., 55c; 5 lbs., \$2.50; 10 lbs., \$4.50.

BEANS—Dwarf Wax Pod Varieties

Culture—1 pt. to 100 ft.; 1 bu. per acre.

A succession of plantings can be made from May 1 to August 1. Plant in rows or drills 18 to 24 inches apart, 2 inches deep and beans 2 inches apart.

Inoculate with Nitragin.

Use Magnesium Arsenate for Mexican Bean Beetle.



Cassel's Favorite Round Pod Wax Beans

NOTE—50 lbs., or over at 100 lb. price.

CASSEL'S FAVORITE ROUND POD WAX (Brittle Wax)—An excellent early, round podded, stringless variety of highest quality, maturing early, prolific. Pods 5 to 6 inches long and of light yellow wax-like color. Seed white with brownish-black eye. This is our leading wax bean and will please most critical trade. Matures for use in 45 to 50 days.

$\frac{1}{2}$ pt., 20c; pt., 35c; qt., 60c; 2 qt., \$1.10; 4 qt., \$2.00; 15 lbs., \$3.45; 25 lbs., \$4.95; 100 lbs., \$18.00.

EARLY PROLIFIC WAX (Webber's Wax)—An extra early wax variety of highest quality, semi-round, stringless, very fleshy. Pods 6 to 6½ inches long, uniformly curved, brittle. Plants vigorous and productive. Color of pod, bright yellow. Seed, amber. Matures for use in 40 to 45 days, about one week earlier than our Favorite Round Pod Wax.

$\frac{1}{2}$ pt., 20c; pt., 35c; qt., 60c; 2 qt., \$1.10; 4 qt., \$2.00; 15 lbs., \$3.45; 25 lbs., \$4.95; 100 lbs., \$18.00.

DELICIOUS BLACK WAX (Pencil Pod)—Pods round, nearly straight, 6 to 7 inches long, rich yellow, stringless, tender and of highest quality. Plants healthy and prolific. Mature early.

$\frac{1}{2}$ pt., 18c; pt., 30c; qt., 55c; 2 qt., \$1.00; 4 qt., \$1.80; 15 lbs., \$3.15; 25 lbs., \$4.50; 100 lbs., \$16.00.

BEANS**Dwarf Green Podded Varieties**

NOTE—50 lbs. or over at 100 lb. price.

GIANT STRINGLESS GREEN POD—Most desirable of green podded varieties. Pods 5 to 6 inches long, round, stringless, brittle and very fleshy, early, hardy and of high quality. Matures for use in 40 to 45 days.

$\frac{1}{2}$ pt., 18c; pt., 30c; qt., 55c; 2 qt., \$1.00; 4 qt., \$1.80; 15 lbs., \$3.15; 25 lbs., \$4.50; 100 lbs., \$16.00.

BOUNTIFUL—Most productive flat, green podded, stringless type. Vigorous and disease resistant. Pods 6 inches long, broad, thick, very brittle, light green color. Mature for use in about 50 days.

$\frac{1}{2}$ pt., 17c; pt., 28c; qt., 50c; 2 qt., 90c; 4 qt., \$1.70; 15 lbs., \$3.00; 25 lbs., \$4.25; 100 lbs., \$15.00.

STRINGLESS RED VALENTINE (Special)—A new introduction that has the desirable quality without the objectionable string of the old type Valentine variety. More productive.

$\frac{1}{2}$ pt., 20c; pt., 35c; qt., 60c; 2 qt., \$1.10; 4 qt., \$2.00; 15 lbs., \$3.45.

DWARF HORTICULTURAL (Italian Bean)—

$\frac{1}{2}$ pt., 20c; pt., 35c; qt., 60c; 2 qt., \$1.10; 4 qt., \$2.00; 15 lbs., \$3.45; 25 lbs., \$4.95; 100 lbs., \$18.00.

BEANS—Winter Shelling Dwarf

Culture—Same as Wax Beans except they should not be planted until after June 20 to avoid weevil.

WHITE NAVY OR PEA BEAN

WHITE KIDNEY

RED KIDNEY

LARGE WHITE MARROW

$\frac{1}{2}$ pt., 18c; pt., 30c; qt., 55c; 2 qt., \$1.00; 4 qt., \$1.80; 15 lbs., \$3.15; 25 lbs., \$4.50; 100 lbs., \$16.00.

To inoculate Beans use

NITRAGIN

Garden size, 25c; $\frac{1}{2}$ bu. size, 40c; 1 bu. size, 60c; 5 bu. size, \$2.50. Postpaid

BROCCOLI

Is similar to and culture is same as Cauliflower.

ITALIAN GREEN SPOUTING — Pkt., 10c; oz., 75c; 4 oz., \$2.40; lb., \$8.00.

BRUSSELS SPROUTS

Culture—Same as cabbage, which it resembles, edible part being the numerous small heads or sprouts formed on stalk at each joint. Plant about May 15th.

LONG ISLAND — Pkt., 10c; $\frac{1}{2}$ oz., 17c; oz., 25c; 4 oz., 85c; 8 oz., \$1.55; lb., \$2.90.

BROOM CORN

Culture—Sow in drills 3 ft. apart about 8 lbs. to acre, thinning out stalks to stand 8 to 10 inches apart in row. Cultivate like corn. Cut when seed is in milky state.

$\frac{1}{2}$ pt., 12c; pt., 20c; qt., 35c; 2 qt., 65c; 5 lbs., 95c; 10 lbs., \$1.80.

CARROTS

Culture—1 oz. to 100 ft. row; 4 lbs. to acre.

Seed may be sown early in spring as soon as the weather will permit and may be continued until middle of July. For main crop, sow during May. Thin out plants to 5 or 6 inches apart. Rows should be 18 to 24 inches apart.



Ideal Coreless Carrot

IDEAL CORELESS—A new early variety of highest quality, free from woody heart or core. Deep orange color and exceptionally smooth. Size 6 in. by 1½ in. Crisp and sweet.

Pkt., 10c; oz., 18c; 2 oz., 30c; 4 oz., 50c; 8 oz., 90c; lb., \$1.60.

DANVER'S HALF LONG—The best medium early main crop variety. Roots 6 to 8 inches long, tapering to a blunt end. Deep orange, tender and of excellent quality.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., 95c.

EARLY OXHEART—Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., 95c.

WHITE BELGIAN **YELLOW BELGIAN**
Oz. pkt., 10c; 2 oz., 18c; 4 oz., 30c; 8 oz., 50c; lb., 80c; 5 lbs., \$3.75; 10 lbs., \$7.00.

CAULIFLOWER

Culture—1 oz should produce 2000 plants.

May be grown both early and late. For early crop, sow in hotbeds, January or February; transplant after freezing weather. For late crops, sow in May or June. Set plants 24 to 36 inches apart each way. Fertilize with light dressing of Nitrate of Soda and Potash.

SNOWBALL—Finest and most popular early variety, producing heads of good size, firm, compact, solid and very white, with few short outside leaves.

Pkt., 10c and 20c; ½ oz., 70c; ½ oz., \$1.25; oz., \$2.35; 4 oz., \$7.75; lb., \$24.00.

DRY WEATHER—Large, medium early variety producing compact heads. Has remarkable heat-resisting qualities. Desirable for growing in dry locations.

Pkt., 10c and 20c; ½ oz., 70c; ½ oz., \$1.25; oz., \$2.35; 4 oz., \$7.75; lb., \$24.00.

CORN SALAD

Culture—1 oz to 100 ft. row.

For summer use, sow early in spring; for winter and spring use, sow in August and September. Rows 1 ft. apart. Use same as Lettuce or Spinach.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 45c; 8 oz., 70c; lb., \$1.25.

CHERVIL

(For Flavoring Soups and Salads)

Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 60c; 8 oz., \$1.10; lb., \$2.00.

COLLARDS

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 60c; lb., \$1.00.

CHICORY

Witloof or French Endive

Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 60c; 8 oz., \$1.10; lb., \$2.00.

CHIVES

Pkt., 10c; oz., 50c.

SPECIAL
12 10c Packets \$1
Vegetable Seeds

SWISS CHARD

Culture—1 oz. to 60 ft.

Swiss Chard is a beet grown for its leaves. The mid-rib when boiled makes delicious greens, or the leaves may be boiled and served as spinach. Sown in the spring, the leaves are soon ready to eat and will continue to grow all through the summer and fall. If given a little protection, it will survive the winter and make excellent greens early in the spring.

LUCULLUS—An improved type, upright growth, leaves yellowish-green, much crumpled and curled. Mid-rib and veins white. Stalks thick, broad and flat.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 60c; lb., \$1.00.

FORDHOOK GIANT—As good as Spinach—yields all summer long. This variety is an outstanding new Swiss Chard. The rich blue-green leaves are much wrinkled or savoyed, and when fully grown, average 10 in. in width by 2½ ft. in length. The texture of the leaves is thick and fleshy, and their quality is highly appreciated when they are boiled. The stems or stalks are pearly white, and they measure 2½ in. in width. They are thick and succulent and may be served as a separate dish in the same manner as Asparagus. Swiss Chard is one of the great health-giving greens.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

CELERIAC

(Turnip-Rooted Celery)

Pkt., 10c; oz., 30c; 2 oz., 50c; 4 oz., 85c; 8 oz., \$1.55; lb., \$2.75.

CRESS

TRUE WATER—Pkt., 10c; ½ oz., 25c; oz., 40c; 2 oz., 70c; 4 oz., \$1.25.

CURLED—Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; lb., 90c.

Prices on Vegetable and Flower Seeds are postpaid. See inside front cover.

CELERY

Culture—1 oz. for 4000 plants.

Plant early in hotbed or open ground, providing moist, loose or sandy soil. Ground should be kept moistened. It will be found convenient to lay boards of 3 or 4 inches width and 1 inch apart, planting seeds between boards. This will keep constant moisture and prevent weeds from choking out plants when small. After Celery is 2 or 3 inches high, remove boards and transplant or reset in trench 6 to 9 inches deep. Well-rotted manure in bottom of trench, covered with ground, will be of advantage. When plants are half grown, a weak application of Nitrate of Soda in water will force growth. Set plants 6 to 8 inches apart. To bleach, gradually hill up stalks, taking care that no earth falls into hearts.

IMPROVED WHITE PLUME—An excellent early variety, easily blanched. A beautiful silvery-white color. A popular variety for first early market.

Pkt., 10c; ½ oz., 15c; oz., 25c; 2 oz., 45c; 4 oz., 85c; 8 oz., \$1.50; lb., \$2.85.

EASY BLANCHING—A variety resembling Golden Self-Blanching except leaves are green, and stalks blanch white instead of yellow. It is more hardy and less liable to blight. Stocky of growth and medium height. Excellent winter keeper, as well as for early use. High quality.

Pkt., 10c; ½ oz., 30c; oz., 55c; 2 oz., \$1.00; 4 oz., \$1.80; 8 oz., \$3.25; lb., \$6.00.

CASSEL'S FAVORITE—Plants dwarf and stocky with large, full, light yellow hearts. Stalks are thick, almost round, of a rich yellow color, and very crisp. Very tender and too brittle for shipment to distant markets. Is considered unsurpassed for its rich, nutty flavor. A superior variety for fall and winter use.

Pkt., 10c; ½ oz., 40c; oz., 70c; 2 oz., \$1.25; 4 oz., \$2.30; lb., \$8.00.

DWARF GOLDEN SELF-BLANCHING—Considered the finest early celery. Compact, stocky, with yellowish-green foliage. Stalks solid, of fine nutty flavor. Attains good size. Blanches uniform golden-yellow color.

Pkt., 10c; ½ oz., 30c; oz., 55c; 2 oz., \$1.00; 4 oz., \$1.80; 8 oz., \$3.25; lb., \$6.00.

GOLDEN PLUME or WONDERFUL—Resembles Golden Self-Blanching in appearance, crispness and fine nutty flavor, though somewhat earlier, larger and of ranker growth. Blanches quickly with a full heart and rich, golden-yellow color. Apparently more disease resistant than other yellow celeries. A very desirable sort.

Pkt., 10c; ½ oz., 40c; oz., 70c; 2 oz., \$1.25; 4 oz., \$2.30; 8 oz., \$4.25; lb., \$8.00.

WINTER QUEEN

GIANT PASCAL

SWEET NUT

Pkt., 10c; oz., 30c; 2 oz., 50c; 4 oz., 85c; 8 oz., \$1.50; lb., \$2.85.

Chinese or Celery Cabbage

Culture—Grows like Cos Lettuce. Sow seed like Cabbage in February in hotbeds or main crop early in July. Will not stand frost.

CHILI—Pkt., 10c; ½ oz., 20c; oz., 30c; 2 oz., 50c; 4 oz., 85c; lb., \$3.00.

CABBAGE

Culture—1 oz. for 2000 plants; 4 to 6 oz. for plants for 1 acre.

Early varieties should be sown in hotbeds in February. Set out early in April, weather permitting, in rows 2 ft. apart, 18 to 24 inches between plants in row. Early crop should mature in July. Plant second early varieties in April and set out in May, which mature in August and September. For late fall and winter, plant in May and June, set out in July and crop matures in October and November. To prevent green worms and bugs on Cabbage, use Slug Shot. For aphids, or lice, use Tobacco Dust or Nicotine Sulphate. Tobacco Powder mixed in ground will help overcome cut worms and stem borers.



Golden Acre Cabbage

GOLDEN ACRE—A new special extra early selection of Copenhagen type and earliest of round-headed cabbages. Plant dwarf and compact with few outer leaves. Heads medium size, round as a ball, hard, solid, very uniform. About 10 days earlier than Copenhagen, making it a very valuable sort.

Pkt., 10c; ¼ oz., 20c; ½ oz., 30c; oz., 45c; 2 oz., 80c; 4 oz., \$1.45; 8 oz., \$2.50; lb., \$4.50.

COPENHAGEN MARKET—Best extra early variety. Very fine quality. Stems short, heads large, uniform, round, very solid with few outer leaves. Of upright growth. Heads average about 8 to 10 lbs. Will stand a long time without bursting.

Pkt., 10c; ½ oz., 22c; oz., 35c; 2 oz., 65c; 4 oz., \$1.15; 8 oz., \$1.95; lb., \$3.50.

HOLLANDER or DANISH BALL HEAD (Short Stem)—One of the very best leading hardy winter sorts. Heads large, round, very solid. Fine keeper, excellent quality. Strong growth.

Pkt., 10c; ½ oz., 20c; oz., 30c; 2 oz., 50c; 4 oz., 90c; 8 oz., \$1.60; lb., \$3.00.

WINNINGSTADT

LATE DRUMHEAD

DRUMHEAD SAVOY

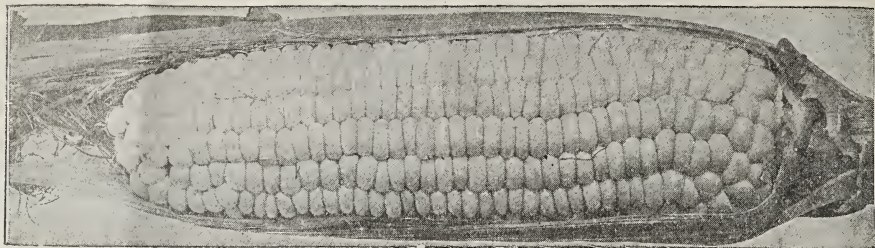
LATE FLAT DUTCH

EARLY JERSEY WAKEFIELD

RED DUTCH

Pkt., 10c; ½ oz., 20c; oz., 30c; 2 oz., 50c; 4 oz., 80c; 8 oz., \$1.40; lb., \$2.50.

CORN (Sweet or Sugar)



Cassel's New Wonder Corn

Culture—1 qt. for 600 ft.; 6 to 8 qts. per acre.

Plant early varieties soon as soil is in good condition, late varieties from May 20th to July 4th, in rows 3 ft. apart. Thin out to stand 12 inches apart in row. The early varieties often prove more profitable on account of scarcity and high price in early season even though ears are not so large. We advise planting 3 to 5 varieties at one time and Corn will then mature in succession. Soil should be well manured and freely cultivated. We recommend the following succession planted at one time; Cassel's New Wonder, Howling Mob, Early Mammoth, Cassel's Favorite and Dependable Evergreen.

NOTE—50 lbs., or over at 100 lb. price.

CORN—EARLY VARIETIES

CASSEL'S NEW WONDER—Extra Early (see illustration)—Our leading extra early variety, ready for use in about 60 days. Grains deep, rows straight, stalks 5' to 6 ft. high, of unusual vigorous growth. Often two ears to stalk. Ears 8 inches long, rather blocky in form, 16, 18 and often 20 rowed; filled to end, with rather narrow, deep, wedge-shaped grains of silvery whiteness and high sugar content. This corn has met with unusual favor and praise from our customers. We recommend it very highly. Of special value to market gardeners.

½ pt., 16c; pt., 27c; qt., 48c; 2 qt., 90c; 4 qt., \$1.60; 8 qt., \$2.85; 25 lbs., \$5.00; 100 lb., \$17.00.

CASSEL'S GOLDEN DELICIOUS, Extra Early—A remarkable yellow sweet corn of much merit. While stalks grow 6 ft. or more in height and the 14-rowed ears are 7 to 8 inches in length, this variety matures about 3 days earlier than Golden Bantam. Kernels are broad, deep, and excellent quality.

½ pt., 16c; pt., 27c; qt., 48c; 2 qt., 90c; 4 qt., \$1.60; 8 qt., \$2.85; 25 lbs., \$5.00; 100 lb., \$17.00.

GOLDEN BANTAM—

½ pt., 15c; pt., 25c; qt., 45c; 2 qt., 85c; 4 qt., \$1.50; 8 qt., \$2.65; 25 lbs., \$4.75; 100 lb., \$16.00.

HOWLING MOB—One of the finest second early, 65-day corns. Ears are 9 to 10 inches long, 16-rowed, white, and fine quality. Very productive.

½ pt., 15c; pt., 25c; qt., 45c; 2 qt., 85c; 4 qt., \$1.50; 8 qt., \$2.65; 25 lbs., \$4.75; 100 lb., \$16.00.

WHIPPLE'S EARLY WHITE—

½ pt., 16c; pt., 27c; qt., 48c; 2 qt., 90c; 4 qt., \$1.60; 8 qt., \$2.85; 25 lbs., \$5.00.

CORN—MEDIUM EARLY VARIETIES

CASSEL'S FAVORITE—While this variety is not as early as our New Wonder, it is our preference above all other table corn for general crop. Good size ears with very thin cob, especially sweet and of highest quality, remaining in a continuous edible milky condition for longer period than other corns. Usually produces two or three ears to stalk. We believe it unequalled for quality. It is the slowest corn to harden that we know of.

½ pt., 20c; pt., 35c; qt., 60c; 2 qt., \$1.10; 4 qt., \$2.10; 8 qt., \$4.00; 25 lbs., \$7.00.

MEDIUM EARLY VARIETIES (Cont.)

MAMMOTH—A medium early Corn, about 70 days. Ears 8 to 9 inches long, 14-row, broad, tender and sugary. Medium deep grain. A ready seller for market gardeners.

½ pt., 15c; pt., 25c; qt., 45c; 2 qt., 85c; 4 qt., \$1.50; 8 qt., \$2.65; 25 lbs., \$4.75; 100 lb., \$16.00.

COUNTRY GENTLEMAN (Sometimes called Shoepeg)—An especially fine quality Corn. Ears 7 to 8 inches long, small cob, deep, slender white grains running zigzag without row formation. About 75 days.

½ pt., 16c; pt., 27c; qt., 48c; 2 qt., 90c; 4 qt., \$1.60; 8 qt., \$2.85; 25 lbs., \$5.00; 100 lb., \$17.00.

EARLY EVERGREEN—Similar to Stowell's about 10 days earlier. Quality good.

½ pt., 15c; pt., 25c; qt., 45c; 2 qt., 85c; 4 qt., \$1.50; 8 qt., \$2.65; 25 lbs., \$4.75; 100 lb., \$16.00.

WHITE EVERGREEN—Similar to Stowell's with a more pearly white grain.

½ pt., 15c; pt., 25c; qt., 45c; 2 qt., 85c; 4 qt., \$1.50; 8 qt., \$2.65; 25 lbs., \$4.75; 100 lb., \$16.00.

BLACK MEXICAN—

½ pt., 17c; pt., 28c; qt., 50c; 2 qt., 95c.

CORN—LATE VARIETIES

CASSEL'S DEPENDABLE EVERGREEN (Narrow Grain)—A splendid high quality evergreen, slightly earlier than Stowell's. About 75 days. Large ear with small cob, having 18 to 20 rows of very deep, narrow white grains. We believe it is the most desirable canning variety.

½ pt., 15c; pt., 25c; qt., 45c; 2 qt., 85c; 4 qt., \$1.50; 8 qt., \$2.60; 25 lbs., \$4.50; 100 lb., \$15.00.

STOWELL'S EVERGREEN—The standard and best known sweet corn. Long ears with deep, broad, sweet grains. Of high quality and much in demand.

½ pt., 15c; pt., 25c; qt., 45c; 2 qt., 85c; 4 qt., \$1.50; 8 qt., \$2.60; 25 lbs., \$4.50; 100 lb., \$15.00.

LATE MAMMOTH—Ears very large, filled to tip with pure white sugary grains; very tender and sweet.

½ pt., 16c; pt., 27c; qt., 48c; 2 qt., 90c; 4 qt., \$1.60; 8 qt., \$2.85; 25 lbs., \$5.00; 100 lb., \$17.00.

CUCUMBER

Culture—1 oz. to 50 hills; 2 lbs. to 1 acre.

Plant in warm, moist, rich, loamy ground as soon as weather is favorable. Plant in hills 4 ft. apart each way. Mix well-rotted manure with soil. Plant thick on account of insects destroying young plants. Dust with Slug Shot or Hyroxcide (Bordeaux-Arsenate of Lead Mixture) to prevent insects and produce vigorous growth. Spray every 10 days until plants start bearing. Thin out when well started and danger of insects is past, leaving 4 or 5 strong stalks remain to each hill. Continue planting for a succession. Gather when large enough for use whether required or not; if left to ripen on vine, plants stop bearing. Tobacco powder mixed in ground will help overcome cut worms and stem borers.



Typical Specimens of Our Stock of Gem Prolific Pickling Cucumber

GEM PROLIFIC PICKLING—Early, symmetrical, uniform and productive pickling variety. Small, $2\frac{1}{4}$ inches in diameter and 5 inches long, square ended, dark green color. A selected strain and popular with growers of small pickles.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.30.

EARLY FORTUNE—The finest type white spine yet produced. Early, very productive, and disease-resistant. Fruit $2\frac{1}{2}$ inches in diameter and 9 inches long, slightly tapering. Flesh white-firm and crisp, with very few seeds. Color rich dark green which does not fade when shipped a long distance.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 68c; lb., \$1.20.

JERSEY PICKLING—Very productive well-known variety. Slender fruit about 6 inches long.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 68c; lb., \$1.20.

LONGFELLOW—This variety, unlike most other sorts, succeeds equally well in garden or greenhouse. Vines are exceptionally healthy, productive and fairly early. Fruits will average 12 to 14 inches in length by $2\frac{1}{2}$ inches in diameter and are very symmetrical, a desirable and lasting dark green color.

Pkt., 10c; $\frac{1}{2}$ oz., 15c; oz., 25c; 2 oz., 40c; 4 oz., 70c; 8 oz., \$1.25; lb., \$2.25.

IMPROVED LONG GREEN—The standard well-known extra long, late table variety. 12 to 14 inches long, slender. Dark green. Flesh white and firm.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 45c; 8 oz., 80c; lb., \$1.45.

JAPANESE CLIMBING GHERKIN

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 45c; 8 oz., 80c; lb., \$1.45.

WHITE WONDER

Pkt., 10c; oz., 30c; 2 oz., 50c; 4 oz., 90c.

DANDELION

Pkt., 10c; oz., 35c; 2 oz., 65c; 4 oz., \$1.15.

EGG PLANT

Culture—1 oz. will produce 1000 plants.

Seed of slow germination and requires moderate heat. Start indoors early in March. Plant outdoors about May 20th, 2 ft. apart each way. Plants are tender and will not stand frost.

BLACK BEAUTY—The leading variety, early, fruit large, good shape, and rich dark purple color. Productive and thornless.

Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c; 2 oz., 85c; 4 oz., \$1.50; 8 oz., \$2.70; lb., \$4.90.

ENDIVE

Culture—1 oz. to 150 ft. drill.

An excellent salad which can be used at any season of year, but is generally used for fall and winter. Used also as greens and for flavoring soups. For early use, plant about April 15th and for fall, in June or July in rows 18 inches apart.

WHITE CURLED

GREEN CURLED

BROAD LEAVED BATAVIAN

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 80c; lb., \$1.35.

HORSE RADISH ROOTS

1000, \$10.00; 500, \$6.00; 100, \$1.50; less than 100 @ 2c each.

LETTUCE

Culture—1 oz. to 150 ft. drill.

Thrives on nearly all soil, but for crispness should be planted in rich ground, well cultivated before planting. Sow early as ground can be worked. For early use, cutting varieties are most desirable. Heading varieties should be transplanted in rows 12 to 18 inches apart, plants set in rows every 6 to 10 inches.



Big Boston Lettuce

EARLY CURLED SILESIA (Cutting)—Early, medium large, crisp and has loose, short broad leaves, much crumpled and frilled on border. Color very light green. Quite similar to Simpson variety.

Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

MAY KING (Heading)—A splendid extra early, compact, heading variety similar to Wayahead. Leaves light yellowish-green tinged reddish-brown at end. Heart rich golden yellow. Excellent quality.

Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

IMPROVED HANSON (Heading)—A well-known reliable, large, sure-heading spring and early summer variety. Leaves large and broad, blistered and crumpled, border finely frilled. Color light green. Quality good.

Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

ALLHEART (Heading)—Especially desirable for hot weather. Will succeed under most trying weather conditions. Heads medium size, very solid. Leaves thin, tender and crisp, medium green color. Best of Salamander type.

Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

SELECT BIG BOSTON (Heading)—A popular variety. Heads large and very solid. Especially desirable for late fall and cold frame planting. Not recommended for summer. Leaves broad, almost smooth, wavy at edge.

Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

LETTUCE (Cont.)

NEW YORK or WONDERFUL—A very large late heading variety. Leaves broad, thick, blistered and crumpled, border frilled, color dark green. Quality good. Known in California and the West as Los Angeles and shipped into the Eastern market under name of Iceberg.

Pkt., 10c; ½ oz., 15c; oz., 25c; 2 oz., 40c; 4 oz., 70c; 8 oz., \$1.20; lb., \$2.20.

BLACK SEEDED SIMPSON
WAYAHEAD **BRITTLE ICE**
Bronze Curled or Prizehead
SELECT GRAND RAPIDS
MIGNONETTE **ICEBERG**
CHICKEN LETTUCE
WHITE COS or ROMAINE

Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

HERBS

Used for flavoring. All in 10c packets. Prices on larger quantities on request.

Anise	Marjoram, Sweet
Balm	Lavender
Basil, Sweet	Rosemary
Borage	Rue
Caraway	Saffron
Catnip	Sage
Coriander	Savory, Summer
Dill	(Bonakraut)
Fennel, Sweet	Thyme
Horehound	Wormwood

KALE—BORECOLE

DWARF PURPLE

TALL CURLED SCOTCH

DWARF CURLED SCOTCH

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 60c; lb., \$1.00.

KOHL-RABI

Culture—1 oz. to 250 ft. drill.

Belongs to cabbage family. Forms a turnip-shaped bulb above ground. Used as Turnips. Cultivate same as cabbage. Sow early in Spring or in June and July for fall use.

EARLY WHITE VIENNA

EARLY PURPLE VIENNA

Pkt., 10c; oz., 25c; 2 oz., 40c; 4 oz., 65c; 8 oz., \$1.15; lb., \$2.10.

LEEK

BROAD AMERICAN FLAG

Pkt., 10c; oz., 25c; 2 oz., 40c; 4 oz., 70c; 8 oz., \$1.20; lb., \$2.25.

MUSTARD

GIANT SOUTHERN CURLED—1 oz., to 100 ft. row.

Pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 45c; lb., 75c.

OKRA or GUMBO

Culture—1 oz., to 100 hills.

Sow seed thinly in rich ground about middle of May when ground is warm, in rows 3 ft. apart. Cover seed with 1 inch earth. Later thin out stalks to 12 or 18 inches apart. Cultivate freely. Its green pods are used for flavoring soups and stews.

PERKIN'S MAMMOTH (Long Green)—Very early and productive. Stalks 3 ft. high. Pods deep green, long, slender and slightly corrugated. A desirable market variety.

Pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 40c; lb., 70c.

Muskmelon or Cantaloupe

Culture—1 oz. for 50 hills; 2 lbs. per acre.

Plant after May 20th in sandy or mellow soil well enriched. Hills 4 to 6 ft. apart each way, 10 to 12 seeds to hill, 1 inch deep. Cultivate well. Spray with Hydroxide (Bordeaux Arsenate of Lead) to prevent being destroyed by insects. When plants are beyond danger of insects, thin to 4 or 5 good plants to hill. Tobacco powder mixed with ground will help overcome cut worms and stem borers.

EXTRA EARLY OSAGE—Good size, flesh very thick, salmon color, and of sweet, high quality. Oval shaped. Small seed cavity. We consider it our best early variety.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 45c; 8 oz., 75c; lb., \$1.25.

EMERALD GEM—A splendid variety. Fruit deep emerald green in color, globular, distinctly ribbed. Flesh very thick, sweet and a deep rich salmon color, having an unusual small seed cavity. Our choice main crop Melon for home garden and local market.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 45c; 8 oz., 75c; lb., \$1.25.

DELICIOUS ORANGE FLESH—Undoubtedly the "last word" in Rocky Ford type of shipping melons and has brought highest price in every market shipped to. Its appealing deep orange flesh is its distinctive characteristic. It is the most solid, with smallest seed cell of any type and will weigh more to crate. Fruit very uniform in size, nearly round and densely covered with a hard gray netting. Recommended for its hardness, prolificness, deep flesh and excellent eating and shipping qualities.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 90c; lb., \$1.60.

EARLY KNIGHT BANANA JENNY LIND
ROCKY FORD HONEYDEW HONEY BALL
EXTRA EARLY HACKENSACK
HEARTS OF GOLD
MIXED VARIETIES

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 45c; 8 oz., 75c; lb., \$1.25.

PARSLEY

Culture—1 oz. to 150 ft. row.

Sow thickly early in spring in rows 12 inches apart. Cover with $\frac{1}{2}$ inch soil, pressing down after sowing. Later thin out stalks 4 to 6 inches apart. Seed germinates very slowly. Used as flavoring and as a garnish.

IMPROVED FINE DOUBLE CURLED—A standard well-known dwarf variety. Leaves deeply cut and finely crimped.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., 90c.

PLAIN LEAVED—Leaves are flat, deeply cut but not curled. Dark green color. Strongly flavored.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., 90c.

LARGE ROOTED HAMBURG—The edible roots of this variety resemble small thin Parsnips in shape and color and are used for flavoring soups. Leaves are plain.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 60c; lb., \$1.00.

ONION SEED

Culture—1 oz. for 150 ft. drill; about 5 lbs. per acre for growing large onions.

Sow as early in spring as ground can be worked, thinly in drills about $\frac{1}{4}$ inch deep, rows 1 ft. apart. Cover lightly with fine soil and press down with back of spade or light roller. Later thin out leaving strongest plants to stand 3 to 4 inches apart. Cultivate freely. Another convenient way is to sow early in hotbed or indoors in boxes and transplant when ground is in condition. This overcomes difficulty of weeds smothering out onions.

PRIZETAKER—Extra large, mild, productive and sure cropper. Globe-shaped, light straw color, attractive. Crisp and solid and good keeper. Most desirable variety for growing large onions from seed. Very highly recommended as the best. Larger than Danvers.

Pkt., 10c; $\frac{1}{2}$ oz., 15c; oz., 25c; 2 oz., 40c; 4 oz., 65c; 8 oz., \$1.10; lb., \$2.00.

YELLOW GLOBE DANVERS—Dependable, heavy yielder, excellent color, good keeper. Extensively used for many years. Especially desirable for growing onion sets.

Pkt., 10c; $\frac{1}{2}$ oz., 15c; oz., 25c; 2 oz., 40c; 4 oz., 65c; 8 oz., \$1.10; lb., \$2.00.

SILVER SKIN or WHITE PORTUGAL—A large, white, flat onion of mild, pleasant flavor. Hardy and fine-grained. Skin pure white. Extensively grown for sets and largely used as a pickler and for bunching.

Pkt., 10c; $\frac{1}{2}$ oz., 18c; oz., 28c; 2 oz., 45c; 4 oz., 75c; 8 oz., \$1.35; lb., \$2.50.

BERMUDA WHITE — Pkt., 10c; oz., 40c; 2 oz., 75c; 4 oz., \$1.30.

RED WETHERFIELD—Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 65c.

BOTTLE ONION — Pkt., 10c; $\frac{1}{4}$ oz., 25c; $\frac{1}{2}$ oz., 40c; oz., 75c.

ONION SETS

Culture—Plant early in spring, 3 to 4 inches apart, in rows 12 to 14 inches apart.

We have fancy selected stock, both white and yellow. Market is variable. Ask for prices.

EGYPTIAN or WINTER TOP ONION—These we can supply after middle of August for fall planting. They are used as scallions in spring.

Lb., 20c; 10 lb., \$1.80; 25 lb., \$4.00.

Prices are F. O. B. Lansdale.

PARSNIP

Culture—1 oz. for 100 ft. row; 5 lbs. per acre.

Sow thickly in April or early May as Parsnips require long season to mature. Cultivate same as Carrot. Dig in autumn and store for winter, or they may be left in ground until following spring, which improves their flavor.

GUERNSEY—Thick, smooth roots, tender and sweet.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 60c; lb., 90c.

PEANUTS

4 oz., 10c; 8 oz., 18c; lb., 30c.

POP CORN

WHITE RICE **GOLDEN QUEEN**

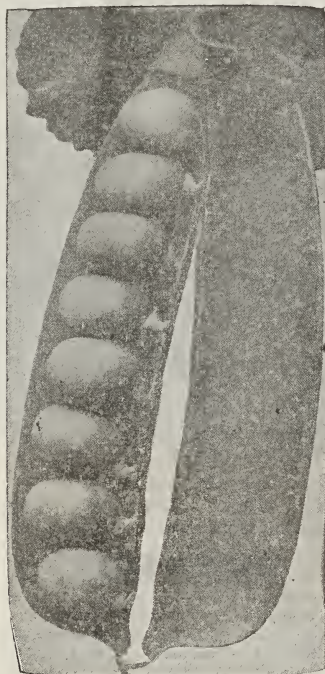
4 oz., 10c; 8 oz., 15c; lb., 25c.

PEAS

Culture—1 qt. to 150 ft. row.

Peas do best in light, rich, loamy soil. Plant early smooth varieties as soon as ground can be worked during March or April. Wrinkled peas are not so hardy and may therefore not be planted as early, owing to their rotting more easily. Wrinkled varieties, however, are sweeter and better flavored. Continue to plant until June 10th, then discontinue on account of hot weather until August 1st., after which quick-growing early varieties may again be planted. Rows should be 18 to 24 inches apart. Use Black Leaf 40 for Aphis or Pea lice.

Use Nitragin to inoculate.



Cassel's Favorite Peas

NOTE—50 lbs. or over at 100 lb. price.

CASSEL'S FAVORITE—A large podded, quick producing dwarf variety. Vines are sturdy, about 16 in. to 18 in. high. Pods dark green, 4 in. long, often containing 8 large peas. Quality is excellent and we recommend this as the best, most productive, dwarf wrinkled variety. When a low pea is wanted throughout season, plant this variety every week or ten days.

½ pt., 20c; pt., 35c; qt., 60c; 2 qt., \$1.10;
4 qt., \$1.95; 15 lbs., \$3.30; 25 lbs., \$5.00;
100 lbs., \$17.00.

GIANT DELICIOUS—A very distinct and valuable new mid-season variety, coming in just ahead of Telephone. A heavy cropping pea, 3 feet in height. Pods are 4 inches long, large, broad, straight and blunt ended, deep green color containing 6 to 8 deep green sweet peas. Decidedly the best pea of recent introduction.

½ pt., 22c; pt., 37c; qt., 65c; 2 qt., \$1.15;
4 qt., \$2.00; 15 lbs., \$3.45; 25 lbs., \$5.25;
100 lbs., \$18.00.

PEAS (Continued)

IMPROVED MAMMOTH PODDED PROLIFIC (Extra Early)—Matures extra early, productive, robust, heavy, medium green. Not a wrinkled variety. Height 3 feet. Pods light green, 3 to 4 inches long. We recommend this variety especially for planting in early spring during March and April on account of it being a variety which will withstand cold, wet weather.

½ pt., 20c; pt., 35c; qt., 60c; 2 qt., \$1.10;
4 qt., \$1.95; 15 lbs., \$3.30; 25 lbs., \$5.00;
100 lbs., \$17.00.

SUPERIOR EARLY DWARF—An excellent, extra early, dwarf variety of highest quality. Height 16 to 18 in. Pods 3½ in. long, dark green, straight, round, square ended, containing 6 to 8 large, very dark green peas; exceedingly productive.

½ pt., 20c; pt., 35c; qt., 60c; 2 qt., \$1.10;
4 qt., \$1.95; 15 lbs., \$3.30; 25 lbs., \$5.00;
100 lbs., \$17.00.

IMPROVED GRADUS (Selected Strain)—A productive extra early wrinkled variety. Strong vines 2 ft. high, pods medium green, 4 inches long, broad and well filled with 7 to 9 very large peas of exceptional quality.

½ pt., 18c; pt., 30c; qt., 55c; 2 qts., \$1.00;
4 qts., \$1.85; 15 lbs., \$3.15; 25 lbs., \$4.75;
100 lbs., \$16.00.

IMPROVED THOMAS LAXTON (Selected Strain)—An early wrinkled variety, 2½ ft. high. Pods medium green, 3½ inches long, broad and thick, containing 7 peas of best quality.

½ pt., 18c; pt., 30c; qt., 55c; 2 qt., \$1.00;
4 qt., \$1.85; 15 lbs., \$3.15; 25 lbs., \$4.75;
100 lbs., \$16.00.

PRIZE WINNER—Very fine, productive, high quality main crop Height 2½ ft. Vine and foliage sturdy and heavy. Pods dark green, 4½ inches long. Contain 9 extra large, medium green peas of excellent quality.

½ pt., 20c; pt., 35c; qt., 60c; 2 qt., \$1.10;
4 qt., \$1.95; 15 lbs., \$3.30; 25 lbs., \$5.00;
100 lbs., \$17.00.

BLUE BANTAM

LAXTONIAN

HUNDREDFOLD

PETER PAN

LAXTON'S PROGRESS

PIONEER

IMPROVED SUTTON'S EXCELSIOR

½ pt., 20c; pt., 35c; qt., 60c; 2 qt., \$1.10;
4 qt., \$1.95; 15 lbs., \$3.30; 25 lbs., \$5.00;
100 lbs., \$17.00.

LITTLE MARVEL

SUTTON'S IDEAL

WORLD'S RECORD

DARK POD TELEPHONE

½ pt., 18c; pt., 30c; qt., 55c; 2 qt., \$1.00;
4 qt., \$1.85; 15 lbs., \$3.15; 25 lbs., \$4.75;
100 lbs., \$16.00.

MAMMOTH MELTING SUGAR EDIBLE POD—

½ pt., 22c; pt., 38c; qt., 68c; 2 qt., \$1.25;
4 qt., \$2.20; 15 lbs., \$3.75; 25 lbs., \$5.75;
100 lbs., \$20.00.

To inoculate Peas use
NITRAGIN

Garden size, 25c; ½ bu. size, 40c;
1 bu. size, 60c; 5 bu. size, \$2.50.
Postpaid

PEPPER

Culture—1 oz. should produce 2000 plants.

Sow in hotbeds or indoors from February to April. Transplant middle of May if weather is favorable. Cover seed with not over $\frac{1}{4}$ inch soil.

EARLY GIANT (Harris)—Extra early and very prolific. Fruit scarlet, 5 by 3 $\frac{1}{2}$ inches, mild and sweet. Excellent for home garden.

Pkt., 10c; $\frac{1}{4}$ oz., 15c; $\frac{1}{2}$ oz., 25c; oz., 40c; 2 oz., 70c; 4 oz., \$1.25.

CHINESE GIANT—One of the very largest mild red varieties. Short, stocky growth. Fruits pendent, thick, blocky and square-ended, 4 to 5 inches in diameter and of equal length. Color brilliant glossy scarlet.

Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 45c; 2 oz., 80c; 4 oz., \$1.50; 8 oz., \$2.75; lb., \$5.25.

RUBY KING—One of the most profitable and satisfactory varieties for home or market garden. Early, productive, of dwarf, compact, upright growth. Fruit often 4 to 6 inches long by 3 to 4 inches thick, bright ruby-red color. Flesh thick, sweet and mild.

Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; 2 oz., 60c; 4 oz., \$1.00; 8 oz., \$1.85; lb., \$3.50.

NEAPOLITAN (Early)—A very early and productive large variety. One of the sweetest. Fruit of upright growth, 4 inches long and 2 inches thick. Color bright red.

Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; 2 oz., 60c; 4 oz., \$1.00; 8 oz., \$1.85; lb., \$3.50.

SUNNYBROOK (Pimento Type)—The sweet and prolific type.

Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; 2 oz., 70c; 4 oz., \$1.25; 8 oz., \$2.35; lb., \$4.50.

MAMMOTH GOLDEN QUEEN—Mild, sweet flavor. Golden yellow.

Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; 2 oz., 70c; 4 oz., \$1.25; 8 oz., \$2.40; lb., \$4.60.

LONG THICK RED—Hot variety. Pkt., 10c.

CAYENNE—Pkt., 10c.

TURNIP

Culture—1 oz. to 200 ft.; 1 to 2 lbs. per acre.

Sow early in spring before hot weather, for main crop, sow in July and August, either broadcast or in drills 2 ft. apart. If in rows, thin out to prevent overcrowding.

LARGE RED TOP GLOBE—Almost perfect globe in form. Flesh and skin white, red or purple on top above ground. Fine grained and sweet. Best known and a superior variety.

Pkt., 10c; 2 oz., 15c; 4 oz., 22c; 8 oz., 35c; lb., 55c; 5 lbs., \$2.50; 10 lbs., \$4.50.

PURPLE TOP FLAT YELLOW ABERDEEN AMBER GLOBE COW HORN WHITE EGG

Pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 40c; lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.00.

PUMPKIN

Culture—1 oz. to 20 hills; 3 or 4 lbs., per acre.

Usually grown in cornfields, but if grown as separate crop, plant in hills 8 to 10 ft. apart each way when ground is warm. Cultivate often until vines begin to run. Gather pumpkins after vines are dead, leaving 3 or 4 inches of stem attached, and store in dry place.

EARLY SUGAR or NEW ENGLAND PIE—Fruits small, round, flattened at ends and slightly ribbed. Skin and flesh deep orange-yellow. Flesh very thick and high quality.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 58c; lb., 95c.

JAPANESE PIE—Neck-shaped, somewhat like Cushman. Skin deep green with dark stripes. Flesh deep yellow and high quality. Seeds sculptured like Japanese letters.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 68c; lb., \$1.25.

KING OF THE MAMMOTH—The giant among pumpkins. Very large, 2 ft. or more in diameter. Fruit round and flattened. Skin salmon-orange. Flesh bright yellow and very thick.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 45c; 8 oz., 80c; lb., \$1.45.

TENNESSEE SWEET POTATO—Medium size, nearly bell-shaped, with neck slightly crooked. Skin creamy white, slightly striped green. Flesh creamy white, deep fine grain, excellent quality.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 68c; lb., \$1.25.

IDEAL MARKET—While frequently sold as a pumpkin, it belongs to squash family and in form and size is similar to Hubbard. Attractive for its size and appearance. Shell bright orange, flesh yellow and firm. Excellent for canning and pies.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 72c; lb., \$1.30.

GOLDEN CUSHAW—Crooknecked type. Color golden-yellow. Large, good quality.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 68c; lb., \$1.25.

STRIPED CUSHAW—

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 68c; lb., \$1.25.

WHITE CUSHAW—

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 68c; lb., \$1.25.

DEPENDABLE MIXTURE OF TABLE VARIETIES—

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 68c; lb., \$1.25.


LARGE CHEESE or KENTUCKY FIELD

Round, creamy buff

Oz. pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 40c; lb., 60c.

CONNECTICUT FIELD—Oblong, reddish orange.

Oz. pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 45c; lb., 70c.

 Our customers take no risk when buying from us, as all merchandise we sell must please you or you may return it within 5 days from date of purchase and amount paid will be refunded.

RADISH

Culture—1 oz. to 100 ft.

For very early use sow in frames in February, making successive sowings every two or three weeks. In April, plant in open ground, in light, rich, sandy soil, selecting a warm or sheltered location and sow at intervals during the season. Winter varieties should be planted in mid-summer and early fall. Radishes will not do well in heavy, hard ground. Plant 2 to 4 in. deep in loose ground for best results and to overcome worms.



Cassel's Electric Early Round Red Radish

CASSEL'S ELECTRIC EARLY ROUND RED—The earliest variety for greenhouse or outdoor culture. Bright scarlet, very rapid growth, several days earlier than Scarlet Globe. Very short top and small tap root. While this radish matures quickly, it is one of the slowest to shoot to seed.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 65c; lb., \$1.15.

EXTRA EARLY SCARLET GLOBE—One of the earliest forcing radishes and does equally well outside. Roots fair size, globe-shaped and with very small top. Always crisp and tender. Color bright scarlet.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 90c.

SPARKLER'S WHITE TIPPED SCARLET ROUND—An attractive, early variety having deep scarlet upper portion and under part white, making a beautiful contrast.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 50c; lb., 80c.

PHILADELPHIA WHITE BOX FRENCH BREAKFAST

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 50c; lb., 80c.

CHARTIER—An excellent variety, 7 to 8 inches long, rather thin, deep scarlet at top, shading off to pure white at tip. A well-known and leading variety.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 90c.

ICICLE—The leading, long, early, white radish. About 6 inches long and white throughout. The favorite long radish with our trade.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 90c.

RADISH (Cont.)

WHITE STRASBURG—An excellent variety, especially for late spring and summer growing, doing better in hot weather than most radishes. Roots long, thick, white, remaining solid for a long time.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 90c.

DEPENDABLE MIXTURE OF LEADING SUMMER VARIETIES.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 90c.

WHITE CHINESE or CELESTIAL WINTER—Roots 6 to 8 inches long, thick, cylindrical, and smooth. Popular wherever known. Skin and flesh very white and attractive.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 58c; lb., 95c.

HALF LONG BLACK SPANISH SCARLET WINTER

DEPENDABLE MIXTURE WINTER VARIETIES

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 58c; lb., 95c.

RHUBARB SEED

Culture—Plants easily grown from seed. Sow in drills, rows 12 to 18 inches apart and later transplant. 1 oz. to 100 ft.

VICTORIA—Pkt., 10c; oz., 20c; 2 oz., 32c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

RHUBARB ROOTS

Culture—Plant 2 ft. apart in rows 4 ft. apart. Cultivate well and top dress liberally.

12c each; doz., \$1.10; 100, \$7.00; Extra size clumps, 25c to 40c each. Market variable. Prices subject to change.

RUTA BAGA

IMPROVED PURPLE TOP YELLOW GOLDEN NECKLESS

Pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 40c; lb., 65c; 5 lbs., \$3.00; 10 lbs., \$5.75.

SALSIFY

(Vegetable Oysters)

Culture—1 oz. for 75 ft. row.

Sow seed early in spring in rows 12 inches apart and $\frac{1}{2}$ inch deep, thinning out plants every 6 inches.

MAMMOTH SANDWICH ISLAND—Pkt., 10c; oz., 25c; 2 oz., 40c; 4 oz., 65c; 8 oz., \$1.10; lb., \$2.10.

Sunflower Seed

MEDIUM STRIPED—4 oz., 10c; 8 oz., 15c; lb., 20c.

Sorrel

LARGE LEAVED FRENCH—Pkt., 10c; oz., 15c; 4 oz., 45c; lb., \$1.35.

SQUASH

Culture—1 oz. to 25 hills; 3 to 4 lbs. per acre.

Plant 8 to 10 seeds to hill, 4 ft. apart, about May 10th for summer bush varieties, and 8 to 10 ft. apart about July 1st for winter varieties. Thin out to 4 strong plants per hill. Spraying with Hydroxide (Bordeaux-Arsenate of Lead) will be of much help to prevent plants from being destroyed by insects while young.

GOLDEN SUMMER STRAIGHTNECK—A selection from the summer crookneck—more desirable for handling.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

GOLDEN HUBBARD—A desirable variety. Shell is medium warted. Hard, strong, and rich orange-red color. Flesh deep orange, dry, best quality. An excellent keeper.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 45c; 8 oz., 80c; lb., \$1.45.

ITALIAN VEGETABLE MARROW or **COCUZELLA**—A summer variety of bush habit. Fruit is oblong, ribbed, dark green, marbled with yellow and dark green stripes. A delicate and fine flavored variety. Young fruit while green is excellent for slicing and frying like egg plant.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

GOLDEN SUMMER CROOKNECK—A standard early and productive summer variety. Fruit about 1 ft. long, moderately warted and bright yellow color.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 68c; lb., \$1.20.

EARLY WHITE BUSH (Patty Pan)—A well-known very early variety of dwarf habit and upright growth. Surface nearly smooth. Color creamy white. Fruit flattened and scalloped, about 8 inches in diameter. One of the leading varieties for home gardens and market.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 65c; lb., \$1.10.

IMPROVED HUBBARD—A standard winter squash. Fruit large, heavy and moderately warted. Shell dark bronze-green with light green markings. Flesh bright orange-yellow, fine grained, thick and dry.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

MAMMOTH CHILI—Grown for exhibition and stock feeding. Extra large, oblong, rich orange color. Skin smooth with broad open netting.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

BOSTON MARROW—Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.30.

Our postpaid prices and quick service make this catalog of real value in savings and convenience to you, and places our store in a position to serve you, as if we were located at your mail box, postoffice, or freight station.

SPINACH

Culture—1 oz. to 100 ft.; 10 to 12 lbs. per acre.

Sow thinly in rows 12 to 15 inches apart as early in spring as possible. For fall use, sow from August 1st to September 15th. Thin out plants to every 4 inches.



Princess Juliana Spinach

NOTE—50 lbs. or over at 100 lb. price.

PRINCESS JULIANA (Long Season)—Said to be most thoroughbred improved type of long-standing Spinach ever introduced. Uniform in type and most attractive in appearance. Compact, rosette leaves are large rounded, thick in texture, very blistered and crumpled and very dark green color. Holds up well for shipping and slow to go to seed. A ready seller.

Pkt., 10c; 4 oz., 15c; 8 oz., 25c; lb., 40c; 5 lbs., \$1.35; 10 lbs., \$2.30; 25 lbs., \$5.00; 100 lbs., \$18.00.

BLOOMSDALE LONG STANDING—An improved quick-growing hardy variety and one of the best for market and canning. Plants of upright growth, very slow to bolt to seed. Leaves are crumpled and blistered, glossy, green color. Most desirable variety for early spring and autumn use.

Pkt., 10c; 4 oz., 15c; 8 oz., 25c; lb., 40c; 5 lbs., \$1.35; 10 lbs., \$2.30; 25 lbs., \$5.00; 100 lbs., \$18.00.

KING OF DENMARK—Fine long seasoned variety, slow to go to seed. Plants vigorous and spreading; leaves round, crumpled and blistered. Deep green color.

Pkt., 10c; 4 oz., 15c; 8 oz., 25c; lb., 40c; 5 lbs., \$1.35; 10 lbs., \$2.30.

NEW ZEALAND—Entirely distinct from true Spinach. Plant tall and spreading, with numerous side shoots. Leaves medium green, rather small and pointed. Grows well in hot weather and under adverse conditions.

Pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 40c; lb., 65c.

TOMATO

Culture—1 oz. should produce about 2500 plants. 4 oz. make sufficient plants for 1 acre.

For early crop, plant seed under glass or in house during February, giving seedlings plenty of light for rapid development. Transplant in open ground after danger of frost, 3½ ft. apart each way. For main crop, seed may be sown any time until middle of June. Spraying with Hydroxide before fruit appears will help prevent blight.

CASSEL'S EARLY WONDER—

An exceptionally fine large, bright red variety, as early as Chalk's Jewel. Nearly as large as Stone and as productive. Fruits nearly globe-shaped and very solid; vine medium growth. An excellent canning variety.

Pkt., 10c; ½ oz., 30c; oz., 45c;
2 oz., 85c; 4 oz., \$1.60;
8 oz., \$3.10; lb., \$6.00.

OXHEART—This variety has an attractively different appearance from other tomatoes, being ox-heart in shape. Is very large in size and excellent table quality. Skin is pink, almost seedless. Flesh frequently 2 inches thick, without seed cavity. Flavor is delicious.

Pkt., 10c; ½ oz., 35c; oz., 60c;
2 oz., \$1.10; 4 oz., \$1.90;
8 oz., \$3.50.

CHALK'S EARLY JEWEL—

A very desirable, early variety, coming between Earliana and Stone. Uniformly smooth, round and solid. Maintain their size longer than most sorts. Crimson in color. Excellent quality for table use and canning.

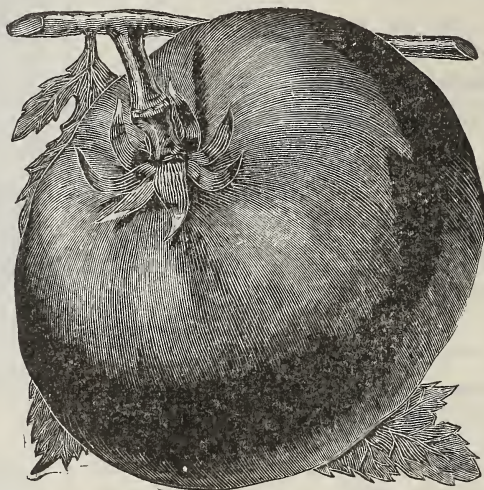
Pkt., 10c; oz., 30c; 2 oz., 50c;
4 oz., 90c; 8 oz., \$1.70; lb., \$3.25.

RED ROCK—A most dependable main crop variety of Matchless type for home and canning trade. Productive, large, smooth, very solid, cardinal red. This is a well known variety.

Pkt., 10c; oz., 30c; 2 oz., 50c; 4 oz., 90c;
8 oz., \$1.70; lb., \$3.25.

CASSEL'S SPECIAL GIANT RED (Beefsteak)—The largest of the bright red Tomatoes. Very solid, attractive, and a most desirable variety.

Pkt., 10c; ½ oz., 30c; oz., 45c; 2 oz., 85c;
4 oz., \$1.60; 8 oz., \$3.10; lb., \$6.00.



MATCHLESS EARLIANA STONE JOHN BAER BONNY BEST

Pkt., 10c; oz., 30c; 2 oz., 50c; 4 oz., 90c;
8 oz., \$1.70; lb., \$3.25.

PONDEROSA PEAR-SHAPED YELLOW STRAWBERRY or WINTER HUSK Ground Cherry

Pkt., 10c; ½ oz., 35c; oz., 60c; 2 oz., \$1.00;
4 oz., \$1.70; 8 oz., \$3.25.

MARGLOBE GOLDEN QUEEN

Pkt., 10c; ½ oz., 25c; oz., 45c; 2 oz., 80c;
4 oz., \$1.45; 8 oz., \$2.60; lb., \$4.75.

WATERMELON

Culture—1 oz. for 30 hills; 4 lbs. per acre.

Plant after May 20th in rich, sandy or loose soil, when ground is warm. Cultivate as for muskmelons. Spray with Hydroxide to prevent destruction by insects. Tobacco powder mixed in ground will help overcome cut worms and stem borers.

COLE'S EARLY—One of the best extra early. Medium size, hardy, nearly round, dark green rind, striped a lighter shade. Flesh deep pink. Seeds black. Excellent quality.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c;
8 oz., 55c; lb., 95c.

LONG LIGHT ICING (Gray Monarch)—Long, large, medium early, and productive. Rind pale green with mottled tracing of slightly darker shade. Flesh brilliant crimson and exceptional quality. Seeds white.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c;
8 oz., 55c; lb., 95c.

KLECKLEY'S SWEET—Good size, medium early, exceedingly sweet. Oblong in form, dark green. Flesh very bright red, ripening nearly to rind. Excellent main crop for home garden or local market. Too tender for shipping.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c;
8 oz., 55c; lb., 95c.

HALBERT'S HONEY ROUND DARK ICING TOM WATSON ROUND LIGHT ICING MIXED VARIETIES PRESERVING CITRON

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c;
8 oz., 55c; lb., 95c.

DEPENDABLE FLOWER SEEDS

(A) Indicates Annuals. (P) Indicates Perennials. (R) Indicates Rock Plants.

Our stock of Flower Seeds is California grown and comes from the very best and most reliable source, and, we believe, there is none superior. Note lower prices on large quantities.

(A) (R) **ABRONIA** 6 in.
(Sand Verbena)

A graceful trailing or climbing plant bearing fragrant, verbena-like flowers.

Umbellata. Pkt., 10c; ½ oz., 30c; 1 oz., 45c.

(A) (R) **AGERATUM** 9 in.
(Floss Flower)

A pretty little plant covered with dainty blue flowers all summer.

Blue Perfection. Pkt., 10c; ½ oz., 25c; 1 oz., 40c; 1 oz., 60c.

(P) **AGROSTEMMA** 2½-3 ft.
(Mullein Pink)

Attractive plant with silvery foliage and bright crimson flowers. Fine for cutting.

Coronaria. Pkt., 10c; ½ oz., 30c; 1 oz., 45c.

(R) **ALYSSUM** 8 in.
Dwarf compact plant desirable for edging, flowering all summer and covered with clusters of small white, lilac and gold flowers.

Compactum Erectum Little Gem. (A). Pkt., 10c; ½ oz., 30c; 1 oz., 45c.

Lilac Queen Improved. (A). Pkt., 10c; ½ oz., 40c; 1 oz., 60c.

Saxatile Compactum. (P). Pkt., 10c; ½ oz., 40c; 1 oz., 60c.

(A) **AMARANTHUS** 3 ft.
CAUDATUS

(Love Lies Bleeding)

A rapid growing plant with long, drooping, crimson flower spikes. Pkt., 10c; ½ oz., 20c; 1 oz., 25c.

ANCHUSA 3 ft.

(Sea Bugloss)

This belongs to the Forget-Me-Not family. Their peculiar merit comes from the intense shades of deep gentian blue flowers. Excellent for cutting.

Blue-Bird. (A) Pkt., 10c; ½ oz., 50c; 1 oz., 75c.

Italiana Dropmore. (P) Pkt., 10c ½ oz., 40c; 1 oz., 60c.

(P) **ANEMONE** 10 in.
(Wind Flower)

An excellent spring blooming plant with large blooms in carmine, violet, purple, rose, lilac, white, etc.

St. Bridg Double Mixed. Pkt., 10c; ½ oz., 65c; ¼ oz., \$1.15.

(A) **ANTIRRHINUM**
(Snapdragon)

A very effective plant for massive bedding or border planting. If flowers are cut after blooming, they will continue to flower until frost.

Apple Blossom. (Tall). Pkt., 10c; ½ oz., 50c; ¼ oz., 85c.

Ruby (Tall). Pkt., 10c; ½ oz., 50c; ¼ oz., 85c.

Fascination Pink (Medium Large Flowering). Pkt., 10c; ½ oz., 40c; ¼ oz., 65c.

Finest Mixed (Medium Large Flowering). Pkt., 10c; ½ oz., 35c; 1 oz., 95c.

Philadelphia (Pink). Pkt., 10c; ½ oz., 40c; ¼ oz., 70c; ½ oz., \$1.25.

Empress. Pkt., 10c; ½ oz., 40c; ¼ oz., 70c; ½ oz., \$1.25.

Fawn. Pkt., 10c; ½ oz., 40c; ½ oz., 70c; 1 oz., \$1.20.

"Just a Bit Better." (Mixture) Pkt., 10c; ½ oz., 40c; ½ oz., 70c; 1 oz., \$1.20.

(P) **AQUILEGIA** 2 ft.
(Columbine)

These are among the most beautiful of spring and early summer flowers. Graceful flowers on stems 2 feet or more above the fern-like foliage.

Mrs. Scott Elliott's Strain. Pkt., 10c; ½ oz., 75c; ¼ oz., \$1.40.

Improved Long Spurred Varieties Mixed. Pkt., 10c; ½ oz., 50c; ¼ oz., 85c.

Double Mixed. Pkt., 10c; ½ oz., 40c; 1 oz., 60c.

(P) (R) **ARABIS** 6 in.
(Rock Cress)

One of the earliest of spring flowering plants, covered with pure white flowers and especially adapted for edging and rock gardens.

Alpina. Pkt., 10c; ½ oz., 30c; 1 oz., 45c.

(P) **ARGEMONE** 2-3 ft.
(Mexican Prickly Poppy)

Excellent for hot, dry, sunny places in the border.

Hybrida Grandiflora (Mixed). Pkt., 10c; ½ oz., 30c; 1 oz., 45c.

(A) **ARCTOTIS** 2 ft.
(African Daisy, Blue-eyed)

The blue centers of the large white flowers make them unique and attractive.

Grandis. Pkt., 10c; ½ oz., 40c; 1 oz., 60c.

(P) (R) **ARMERIA**
(Sea Pink or Thrift)

The flowers are borne on globular heads from May until July, forming lovely clumps of grassy leaves.

Formosa Hybrida. Pkt., 10c; ½ oz., 35c; ¼ oz., 55c.

(A) **ASTERS** 1½-2 ft.

The most popular of all annual flowers, being invaluable for garden decoration and cutting. The varieties listed represent the finest Asters of the early, mid-season and late types.

American Branching Mixed. Pkt., 10c; ¼ oz., 65c; ½ oz., \$1.15.

Sunshine Improved Mixed. Pkt., 10c; ½ oz., 40c; ¼ oz., 70c.

Heart of France. Pkt., 10c; ½ oz., 65c; ¼ oz., \$1.15.

Peerless Yellow. Pkt., 10c; ½ oz., 60c; ¼ oz., \$1.05.

King. Pkt., 10c; ½ oz., 75c; ¼ oz., \$1.40.

Improved Giants
of California

White. Pkt., 10c; ½ oz., 70c; ¼ oz., \$1.30.

Peach Blossom. Pkt., 10c; ½ oz., 70c; ¼ oz., \$1.30.

Dark Purple. Pkt., 10c; ½ oz., 70c; ¼ oz., \$1.30.

Mixed. Pkt., 10c; ½ oz., 70c; ¼ oz., \$1.25.

Early Beauty

Azure Fairy. Pkt., 10c; ½ oz., 70c; ¼ oz., \$1.25.

September Pink. Pkt., 10c; ½ oz., 70c; ¼ oz., \$1.25.

Mixed. Pkt., 10c; ½ oz., 40c; ¼ oz., 65c; ½ oz., \$1.20.

Late Beauty

Crimson. Pkt., 10c; ½ oz., 70c; ¼ oz., \$1.25.

Mixed. Pkt., 10c; ½ oz., 40c; ¼ oz., 65c; ½ oz., \$1.20.

(P) (R) **AUBRIETIA** 6 in.
(Rainbow Rock Cress)

A beautiful dwarf rock plant, covered with sheets of bright flowers in spring and early summer.

Large Flowering Hybrids. Pkt., 10c; 1-16 oz., 70c; ½ oz., \$1.25.

(A) **BALLOON VINE** 10 ft.
(Love-in-a-puff)

A rapid growing climber. The foliage is light green, and the flowers are a whitish green color.

Cardiospermum. Pkt., 10c; 1 oz., 25c.

(A) **BALSAM** 2 ft.
(Lady's Slipper)

A charming old fashioned garden favorite. Double flowers in all colors.

Camellia Flowered Mixed. Pkt., 10c; ¼ oz., 30c; 1 oz., 75c.

(A) **BALSAM APPLE** 10 ft.

A climber having fine, glossy, green foliage. The fruit is used for medicinal purposes. Pkt., 10c.

(A) **BARTONIA** 1 ft.

Handsome, single, chalice-shaped, golden yellow flowers. Aurea. Pkt., 10c; ½ oz., 30c; 1 oz., 45c.

(P) (R) **BELLIS PERENNIS**
(English Daisy) 6 in.

A hardy plant with double button-like flowers suitable for edgings, low beds and rock gardens.

Extra Finest Mixed. Pkt., 10c; ½ oz., 50c; ¼ oz., 85c.

(A) **BRACHYCOME** 10 in.
(Swan River Daisy)

Attractive plants, forming compact little bushes bearing a profusion of daisy-like flowers with dark centers.

Extra Finest Mixed. Pkt., 10c; ¼ oz., 55c.

(A) **BROWALLIA** 18 in.
(Amethyst)

Produces beautiful flowers during the summer and autumn months. Blooms well in the winter if plant is lifted in the autumn and cut back.

Eлата Mixed. Pkt., 10c; ½ oz., 50c; 1 oz., 75c.

(A) **CACALIA**
(Tassel Flower) 2 ft.

Each flower is a miniature paint brush produced on a long wiry stem, which makes it an excellent cut flower.

Mixed Scarlet and Orange. Pkt., 10c; ¼ oz., 40c.

(A) **CALENDULA** 18 in.
(Pot Marigold)

Free blooming, showy, yellow flowers producing a fine effect in beds or mixed borders. Also valuable for pot culture.

Orange King. Pkt., 10c; 1 oz., 25c.

Radio. Pkt., 10c; ¼ oz., 40c. Campfire (Sensation). Our stock is from the originator. Pkt., 10c; ¼ oz., 90c.

Mixed. Pkt., 10c; 1 oz., 25c.

(A) **CALLIOPSIS** 10-20 in.
Forms perfect little bushes which are a mass of bloom from early summer until killed by frost and excellent for cut flowers.

Drummond's Golden Wave (Dwarf). Pkt., 10c; 1 oz., 30c.

Dwarf Mixed. Pkt., 10c; 1 oz., 30c.

CAMPANULA 2-3 ft.
(Canterbury Bells)

Large bell-shaped flowers. Seed should be sown each year where the plants are to remain.

Calycanthemum Mixed (Cup and Saucer). Pkt., 10c; ¼ oz., 50c.

Single Mixed. Pkt., 10c; ½ oz., 30c.

(R) **CANDYTUFT** 10 in.

An excellent plant for bedding, borders, and rock gardens where bright, dwarf masses are wanted.

Queen of Italy (Lilac). (P). Pkt., 10c; ½ oz., 30c.

Sempervirens (White). (P). Pkt., 10c; ½ oz., 55c.

Empress (A) Pkt., 10c; ½ oz., 20c.

(A) **CARDINAL CLIMBER**
25 ft.

An attractive, graceful climber bearing dark green, fern-like leaves and fiery cardinal red flowers. Pkt., 10c; ¼ oz., 40c.

(A) **CARNATION** 2 ft.

These are general favorites for their richness of color and delightful fragrance. They are desirable for greenhouse culture in winter as well as for the garden in summer.

Chabaud's Giant Improved Mixed. Pkt., 10c; ½ oz., 50c.

(A) **CELOSIA** 1-3 ft.

Very desirable, easily grown plants, producing large, brilliant, comb-like heads and feathery plumes.

Childs' Mixed. (Chinese Wool Flower). Pkt., 10c; ¼ oz., 35c.

Plumosa Mixed. Pkt., 10c; ¼ oz., 30c.

Cristata Dwarf Mixed (Cockscomb). Pkt., 10c; ¼ oz., 45c.

(A) **CENTAUREA** 2-3 ft.
(Cornflower)

These are particularly well adapted for use in bedding and in the border. Also fine for cut flowers. Easily grown from seed.

Cyanus Double Mixed. Pkt., 10c; 1 oz., 25c.

Cyanus Double Blue. Pkt., 10c; 1 oz., 30c.

Cyanus Double Brick Red. Pkt., 10c; ½ oz., 40c.

Cyanus Ruby. Pkt., 10c; ½ oz., 30c.

Giant Imperialis Mixed (Sweet Sultan). Pkt., 10c; ¼ oz., 25c.

Americana Mixed (Thistle). Pkt., 10c; ¼ oz., 30c.

Montana (P). Pkt., 10c; ¼ oz., 40c.

(A) **CHRYSANTHEMUM**
(Painted Daisy) 20 in.

They produce long, stiff stemmed flowers in attractive shades and color combinations, chiefly yellow and white. Finely cut foliage. Excellent for cutting.

Segetum Single Mixed. Pkt., 10c; 1 oz., 25c.

Double Mixed. Pkt., 10c; ½ oz., 40c.

Leucanthemum Shasta Westralia (Shasta Daisy) (3 ft. Perennial). Pkt., 10c; ¼ oz., 40c.

CINERARIA

Compact plants completely covered by large flowers. Hybrida Grandiflora. Pkt., 35c.

(A) **CLARKIA** 18 in.

The graceful stems are completely covered with beautiful, double flowers in brilliant colors.

Elegans Double and Single Mixed. Pkt., 10c; ½ oz., 30c.

(A) **COBEA** 30 ft.

A very vigorous growing climber with violet blue, bell-shaped flowers. Pkt., 10c; ¼ oz., 35c.

(A) **COIX** 2-3 ft.
(Job's Tears)

A strange, broad-leaved, ornamental grass with large, shining, pearly seeds, used for stringing as beads. Pkt., 10c; 1 oz., 25c.

(A) **COLEUS** 12 in.

An attractive foliage plant for ornamental bedding.

Sunset Mixture. Pkt., 25c.

(P) **COREOPSIS** 2 ft.

The flowers are a rich golden yellow, blooming the entire summer and autumn. Will bloom the first season if sown early.

Lanceolata Grandiflora. Pkt., 10c; 1 oz., 25c.

Grandiflora Flora Plena Semi Double (New). Pkt., 10c; ½ oz., 50c; 1 oz., 75c.

(A) **COSMOS** 4-6 ft.

One of the most satisfactory hardy annuals, flowering in late summer. Fine for cutting and easily grown. Can be sown anywhere and transplanted.

Extra Early Mammoth Mixed. Pkt., 10c; 1 oz., 30c.

Late Mammoth Mixed. Pkt., 10c; 1 oz., 25c.

Extra Early Double Crested Mixed. Pkt., 10c; ½ oz., 50c.

Late Double Mixed. Pkt., 10c; ¼ oz., 40c.

Hollywood Star Mixed. (Tubular Petals). Pkt., 10c; ½ oz., 50c.

CYCLAMEN

Beautiful pot plant with flowers of striking beauty and highly ornamental foliage.

Large Flowering Mixed. Pkt., 25c.

(A) **CYNOGLOSSUM** 12 in.
(Chinese Forget-me-not)

This splendid annual produces long sprays of fragrant flowers resembling the forget-me-not.

Amabile Blue. Pkt., 10c; 1 oz., 25c.

Amabile Pink. Pkt., 10c; ½ oz., 50c.

(A) **CYPRESS VINE** 15 ft.

A beautiful and popular tender climber with delicate fern-like foliage and numerous flowers.

Mixed. Pkt., 10c; ½ oz., 40c.

(A) **DAHLIA** 3-4 ft.

Easily grown and will bloom the first year if seed is planted early. Pkt., 10c.

(P) **DELPHINIUM** 3-5 ft.

This has always held a prominent position in the perennial garden because of its showy appearance and stately habit.

Belladonna. (Turquoise Blue). Pkt., 10c; 1-16 oz., 40c; ½ oz., 70c.

Bellamosa (Deep Blue). Pkt., 10c; 1-16 oz., 40c; ½ oz., 70c.

Gold Medal Hybrid Mixed. Pkt. 10c; ½ oz., 40c.

DeLuxe Choice Mixed. Pkt., 10c; ½ oz., 65c.

Chinensis Grandiflorum Blue Butterfly Improved. Pkt., 10c; ¼ oz., 55c.

Finest Mixed. Pkt., 10c; ½ oz., 55c.

(A) (P) (R) **DIANTHUS**
(Pinks) 8-10 in.

Easily raised from seed. They flower abundantly and continuously until frost if cut frequently. Very effective in the garden and splendid for cutting.

Hedderigi Double Finest Mixed. Pkt., 10c; ½ oz., 30c.

Caesius Cheddar Pink. Pkt., 10c; ½ oz., 35c; ¼ oz., 55c.

Plumarius Pink Double Mixed. Pkt., 10c; ½ oz., 35c; ¼ oz., 55c.

Deltoides. Pkt., 10c; ½ oz., 40c.

(A) **DIDISCUS** 18 in.
(Blue Lace Flower)

The plant bears delicately lacy umbrella-like clusters of heavenly blue flowers.

Ceruleus. Pkt., 10c; ½ oz., 30c.

(P) **DIGITALIS** 4-5 ft.
(Foxglove)

Extra-hardy perennials, producing long clusters of tubular flowers.

Shirley Mixed. Pkt., 10c; ¼ oz., 35c.

Monstrosa Mixed. Pkt., 10c; ½ oz., 40c.

(A) **DIMORPHOTHECA** 18 in.
(Orange Daisy)

Choice garden annual, producing compact, bushy plants with orange daisy-like blooms on long stems.

Aurantia. Pkt., 10c; ¼ oz., 50c.

(A) **DOLICHOS**
(Hyacinth Bean)

Rapid growing plant bearing pea-shaped blossoms and ornamental seed pods.

Hybrid New Dwarf Pink. Pkt., 10c; 1 oz., 25c.

(A) **ESCHSCHOLTZIA** 12 in.
(California Poppy)

A poppy-like flower with silvery, fine cut foliage, blooming from June until frost.

Ramona (Fringed). Pkt., 10c; ½ oz., 45c; ¼ oz., 75c.

Brilliant Mixed. Pkt., 10c; 1 oz., 30c.

(A) **EUPHORBIA** 2 ft.

Strong growing annuals, for beds of tall growing plants or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental.

Mexican Fire Plant. Pkt., 10c; ¼ oz., 35c.

Snow on the Mountain. Pkt., 10c; ¼ oz., 35c.

GAILLARDIA 1½-2 ft.
(Blanket Flower)

Splendid showy flowers for beds or borders. Excellent for cutting.

Picta Lorenziana Double Mixed. (A) Pkt., 10c; ½ oz., 40c.

Dazzler. (P) Pkt., 10c; ½ oz., 40c.

(P) (R) **GEUM** 1-2 ft.
The double, orange-scarlet and yellow flowers are very large and full.

Mrs. Bradshaw. Pkt., 10c; ½ oz., 55c.

Lady Stratheden. Pkt., 10c; ½ oz., 70c.

(A) **GILIA** 2 ft.
Capitata (Blue Thimble). Beautiful, showy plant making a good cut flower. May also be used as an everlasting. Pkt., 10c; 1 oz., 25c.

Tricolor Mixed (Bird's eyes) (1 ft.). Flowers pale lilac, yellow toward the center, with five purple spots. Pkt., 10c; 1 oz., 25c.

(A) **GODETIA** 10-20 in.
Satin, saucer-shaped flowers in various colors.

Dwarf Single Mixed. Pkt., 10c; ½ oz., 50c.

Tall Double Mixed. Pkt., 10c; ½ oz., 30c.

(A) **GOMPHRENA** 12 in.
A showy, everlasting flower with clover-like heads.

Mixed. Pkt., 10c; ½ oz., 50c; 1 oz., 75c.

(A) **GOURDS** 20 ft.
The small fancy Gourds are excellent toys for children, while the larger ones may be used for various purposes.

Large Sorts Mixed. Pkt., 10c; 1 oz., 25c.

Small Sorts Mixed. Pkt., 10c; 1 oz., 25c.

GYSOPHILA 2 ft.
(Baby's Breath)

Pretty free-flowering plants excellent for cutting to mix with other flowers.

Elegans Paris Market (White). (A). Pkt., 10c; 1 oz., 25c.

Elegans (Pink & Rose). Pkt., 10c; 1 oz., 30c.

Paniculata (White). (P). Pkt., 10c; ½ oz., 30c.

Manginii (Light Pink). (P). Pkt., 10c; ¼ oz., 30c; 1 oz., 75c.

(A) **HELICHRYSUM** 2½ ft.
MONSTROSUM
(Strawflower)

The finest of everlastings for the home garden. They come in a wide range of brilliant and soft colors.

Mixed. Pkt., 10c; ½ oz., 40c; 1 oz., 60c.

HELIOTROPIUM 2 ft.
(Cherry Pie)

A half-hardy perennial which is a universal favorite on account of its delightful fragrance and duration of bloom. Ranges in shades from dark blue to lilac.

Mixed. Pkt., 10c; ½ oz., 45c.

HOLLYHOCK 6-8 ft.

One of the best garden flowers in various colors. It makes a charming background.

Chater's Superb Double Mixed. (P). Pkt., 10c; ¼ oz., 45c; ½ oz., 80c.

Single Mixed. (A). Pkt., 10c; 1 oz., 45c.

(A) **IPOMEA** 12 ft.
(Japanese Morning Glory)

A rapid climber with beautiful foliage and large radiant blossoms in various colors.

Japanese Mixed. Pkt., 10c; 1 oz., 25c.

Noctiflora (Moonflower). Pkt., 10c; ½ oz., 40c.

(A) **KOCHIA** 2½ ft.
(Mexican Fire Bush or Summer Cypress)

An easily grown cypress-like hedge with feathery foliage which turns to beautiful bronze red.

Trichophylla Childsii Pkt., 10c; 1 oz., 25c.

(A) **LANTANA** 1-2 ft.

Fragrant plants with verbenalike flowers in shades of white, red and yellow. May be grown in pots.

Dwarf Mixed. Pkt., 10c; ¼ oz., 45c.

(P) **LATHYRUS LATIFOLIUS** 5 ft.
(Hardy Sweet Peas)

Charming climber for covering trellises and arbors with large clusters of pink, white and rose flowers.

Mixed. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.

(A) **LARKSPUR** 2-3 ft.

A graceful plant with fern-like foliage and slender spikes of rosette shaped flowers. Fine for cutting.

La France (Salmon Pink). Pkt., 10c; ½ oz., 45c; ¼ oz., 75c.

Los Angeles. Pkt., 10c; ¼ oz., 45c; ½ oz., 75c.

Dark Blue. Pkt., 10c; ½ oz., 30c; 1 oz., 45c.

Tall Double Stock Flowered. Pkt., 10c; ½ oz., 30c; 1 oz., 45c.

Emperor Mixed. Pkt., 10c; ½ oz., 30c; 1 oz., 45c.

(R) **LINUM** 18 in.
(Flax)

An attractive border or rock plant.

Grandiflorum Rubrum. (Scarlet) (A). Pkt., 10c; 1 oz., 25c.

Perenne Sibiricum (Blue). (P). Pkt., 10c; ½ oz., 30c.

(A) **LOBELIA** 4 in.

Plants of good habit having fine foliage and delicate stems. Flowers deepest blue.

Crystal Palace Compacta. Pkt., 10c; 1-16 oz., 40c; ½ oz., 75c.

(A) **LUNARIA** 2 ft.
(Honesty)

This is sometimes called "Peter's Penny." The silvery seed pods are dried and used for winter bouquets. Pkt., 10c.

(A) **LUPINS** 2-3 ft.

A free flowering easily grown plant with long spikes of pea-shaped flowers. It is valuable for mixed borders, bedding and cutting.

Hartwegi Dark Blue. Pkt., 10c; 1 oz., 25c.

Texanus Blue Bonnet. Pkt., 10c; ½ oz., 30c; 1 oz., 45c.

All Sorts Mixed. Pkt., 10c; 1 oz., 25c.

Polyphyllus Mixed (P). Pkt., 10c; 1 oz., 25c.

(A) **MARIGOLD** 15 in.

In autumn when many bedding and other plants are past their prime, Marigolds afford a wealth of color that is invaluable.

African Dwarf Double Mixed. Pkt., 10c; ½ oz., 30c.

African Tall Mixed. Pkt., 10c; ½ oz., 40c.

French Dwarf Double Mixed. Pkt., 10c; ½ oz., 30c.

Tagetes Signata Pumila. Pkt., 10c; ¼ oz., 40c.

(A) **MARVEL-OF-PERU** 2 ft.
(Four O'clock)

Free flowering garden favorites with very showy flowers in many bright colors.

Mixed Dwarf. Pkt., 10c; 1 oz., 25c.

MATRICARIA 12-15 in.

This is an attractive bedding plant in white and yellow.

White. (A) Pkt., 10c; ½ oz., 30c.

Golden Ball. (P). Pkt., 10c; ½ oz., 50c; ¼ oz., 85c.

(A) **MIGNONETTE** 15 in.

Useful as a cut flower with showier flowers that lack fragrance.

Machet. Pkt., 10c; 1 oz., 30c.

Large Flowering Mixed. Pkt., 10c; 1 oz., 25c.

(P) (R) **MYOSOTIS** 8 in.
(Forget-me-not)

A lovely star-like, trailing spring flower. Very effective when planted with Pansies and Daisies.

Alpestris Blue. Pkt., 10c; ¼ oz., 45c.

(A) **NEMESIA** 18 in.

A fine bedding annual with flowers varying in color from creamy white to deep orange and carmine.

Strumosa Suttoni Mixed. Pkt., 10c; 1-16 oz., 35c; ½ oz., 70c.

(A) **NICOTIANA** 2 ft.

Produces an abundance of sweet scented, star-shaped flowers blooming continually.

Affinis Grandiflora Mixed. Pkt., 10c; ½ oz., 30c.

(A) **NIGELLA** 18 in.
(Love-in-a-mist)

Lovely garden annual with fine cut green foliage and curious looking flowers and seed pods.

Miss Jekyll Blue Double. Pkt., 10c; ½ oz., 30c.

(A) **NASTURTIUM**

The dwarf Nasturtiums make a good border and beautiful and fragrant cut flowers. The tall ones are fine for trailing. The Nasturtium pods may be used for pickling.

Dwarf Mixed (1 ft.). Pkt., 10c; 1 oz., 15c; 2 oz., 25c; 4 oz., 45c; 8 oz., 85c; 1 lb., \$1.50.

Tall Mixed. (5 ft.). Pkt., 10c; 1 oz., 15c; 2 oz., 25c; 4 oz., 45c; 8 oz., 85c; 1 lb., \$1.50.

California Giants Tall Mixed. (5 ft.). Pkt., 10c; 1 oz., 25c.

New Double Sweet Scented, Golden Gleam. Pkt. 25c.

(A) **OENOTHERA** 2 ft.
(Evening Primrose)

A neat plant with large, saucer-shaped, brilliant yellow flowers, which open at dusk and emit a delightful perfume.

Lamarckiana. Pkt., 10c; 1 oz., 25c.

(A) **PANSY** 6 in.

A favorite with flower lovers. Their many colored, cheerful faces always seem to make one welcome.

Large Flowering Mixed. Pkt., 10c; ½ oz., 35c; ¼ oz., 55c.

Masterpiece Mixed. Pkt., 10c; 1-16 oz., 50c; ½ oz., 85c.

Trimardeau Mixed. Pkt., 10c; ½ oz., 35c; ¼ oz., 65c.

Viola Cornuta Mixed (Tufted) Pkt., 10c.

Viola Odorata, Dark Blue. (Sweet Scented Violets.) Pkt., 15c.

(A) **PENTSTEMON** 2 ft.
(Beard Tongue)

Large spikes of gloxinia-like flowers of the most brilliant and varied colors.

Sensation Improved. Pkt., 10c; 1-16 oz., 50c; ½ oz., 85c.

(A) **PETUNIA** 1-1½ ft.

This has few equals for the flower garden, porches, or window boxes. They commence blooming early and continue until killed by frost.

Fluffy Ruffles, Choice Mixed. Pkt., 25c.

Howard's Star. Pkt., 10c; ½ oz., 30c; ¼ oz., 50c.

Balcony Mixed. Pkt., 10c; ½ oz., 85c; ¼ oz., \$1.60.

Compacta Violacea (Deep Violet) Pkt., 10c; ½ oz., 65c; ¼ oz., \$1.15.

Rosy Morn. Pkt., 10c; ½ oz., 70c; ¼ oz., \$1.25.

PHLOX

These make a magnificent show in beds and masses where the brilliant and varied colors produce a gorgeous effect.

Drummond Mixed. (A) 1 ft. Pkt., 10c; $\frac{1}{8}$ oz., 35c; $\frac{1}{4}$ oz., 55c.

Star Mixed. (A). (1 ft.). Pkt., 10c; $\frac{1}{8}$ oz., 35c; $\frac{1}{4}$ oz., 60c.

Decussata Mixed. (P). (3 ft.) Pkt., 10c; 1-16 oz., 50c; $\frac{1}{8}$ oz., 85c.

(P) **PHYSALIS** 2 ft.
(Chinese Lantern)

Produces large, orange-scarlet pods useful for winter bouquets.

Francheti. Pkt., 10c; $\frac{1}{8}$ oz., 40c.

(A) **POPPY** 2 ft.

This is a big family, ranging in color from pure white through tones of salmon, pink and rose to brilliant red. The perennial Poppies do not flower the first year.

Carnation Mixed. Pkt., 10c; 1 oz., 25c.

Single Shirley American Legion Pkt., 10c; $\frac{1}{2}$ oz., 30c.

Single Shirley Mixed. Pkt., 10c; 1 oz., 25c.

Double Paeony Mixed. Pkt., 10c; 1 oz., 25c.

Santa Barbara (Yellow Tulip Poppy). Pkt., 10c; $\frac{1}{4}$ oz., 35c.

Glaucum (Dazzling Scarlet Tulip Poppy). Pkt., 10c; $\frac{1}{2}$ oz., 40c; 1 oz., 60c.

Double Mixed. Pkt., 10c; 1 oz., 25c.

Medicaule Single Mixed. (Iceland. (P). Pkt., 10c; $\frac{1}{4}$ oz., 50c.

Oriental Mixed. (P). Pkt., 10c; $\frac{1}{8}$ oz., 40c.

(A) (R) **PORTULACA** 6 in.
(Sun Plant)

A beautiful annual unsurpassed in brilliance. It is of low growth, thriving in almost any location.

Double Mixed. Pkt., 10c; 1-16 oz., 35c; $\frac{1}{8}$ oz., 60c.

Single Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 35c; $\frac{1}{2}$ oz., 60c.

PRIMROSE

These are extremely free-flowing and showy pot plants for winter blooming.

Chinese Large Flowering Fringed Mixed. Pkt., 25c.

(P) **PYRETHRUM** 2 ft.
(Painted Daisy)

A showy plant bearing a profusion of large, daisy-like blooms in shades of rose, pink and white. Blooms during spring.

Roseum Single and Double Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 55c.

(A) **RICINUS** 6-8 ft.
(Castor Oil Bean)

Large, rapid growing, ornamental foliage plants for beds or singly on lawns.

Mixed. Pkt., 10c; 1 oz., 25c.

(P) **RUDBECKIA** 3 ft.
(Cone Flower)

Large, peculiar reddish-purple flowers with a large brown cone-shaped center.

Purpurea. Pkt., 10c; $\frac{1}{8}$ oz., 50c; $\frac{1}{4}$ oz., 85c.

(A) **SALPIGLOSSIS** 2 ft.
(Painted Tongue)

For delicate grace of habit, richness of coloring and velvety texture, the regal Salpiglossis has practically no equal.

Gloxiniflora Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

(A) **SALVIA** 2 ft.
(Scarlet Sage)

The plants have a neat and clean appearance and are completely covered with spikes of dazzling scarlet flowers from mid-summer until frost.

Bonfire. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

Fariancea, Light Blue. Pkt., 10c; $\frac{1}{8}$ oz., 55c.

(A) **SCABIOSA** 2 ft.
(Pincushion)

Bloom freely through summer and autumn. Very effective for beds or borders and valuable for cutting.

Choice Mixed. Pkt., 10c; $\frac{1}{2}$ oz., 30c.

Caucasica House's Hybrids. Pkt., 10c; 1-16 oz., 60c.

(A) **SCARLET RUNNER** 10 ft.

This is a rapid growing, running bean with scarlet pea shaped blossoms and dense foliage.

Pkt., 10c; 1 lb., 40c.

(A) **SENSITIVE PLANT** 12 in.

A most interesting plant which will fold its foliage when touched.

Pkt., 10c.

SOLANUM
(Jerusalem Cherry)

Ornamental pot plants of branching habit, producing a great profusion of scarlet berries.

Capsicastrum Nanum. Pkt., 10c; $\frac{1}{4}$ oz., 35c; $\frac{1}{2}$ oz., 55c.

(A) **SWEET PEAS** 3-5 ft.
(Spencer)



Early in spring make a trench 3 to 4 inches deep in loose, rich, mellow ground. Arrange so that water will not stand in the trench. Cover with only 1 inch of soil at first. Later cultivate and gradually fill up the trench. If ground is heavy, a little sand at the bottom of the trench and seed covered with sand will be of much advantage. When 4 inches high prepare support for the vines, preferably a wire netting firmly supported by stakes. Keep well moistened during dry weather. Sow 1 oz. to 20 ft. row.

Best Spencer Mixed. (Large Flowering) Pkt., 10c; 1 oz., 20c; 2 oz., 35c; 4 oz., 65c; 8 oz., \$1.20; 1 lb., \$2.25.

(R) **STATICE** 2 ft.
(Sea Lavender)

Splendid plants for either border or rockery. All summer they produce spikes of small flowers which can be dried and used for winter bouquets.

Sinuata Mixed. (A). Pkt., 10c; 1 oz., 25c.

Latifolia, Deep Blue. (P) Pkt., 10c; $\frac{1}{8}$ oz., 50c; $\frac{1}{4}$ oz., 85c.

(A) **STOCKS** $1\frac{1}{2}$ ft.

Early, large, double, fragrant, rosette shaped flowers, fine for garden, bedding or cutting.

Mammoth Early Nice Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 50c; $\frac{1}{4}$ oz., 85c.

Giant Perfection Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 50c; $\frac{1}{4}$ oz., 85c.

(P) **STOKESIA** 2 ft.

These flowers appear to be a cross between a China Aster and a giant Cornflower.

Cyanea Mixed. Pkt., 10c; 1-16 oz., 45c; $\frac{1}{8}$ oz., 75c.

(A) **SUNFLOWER** 5 ft.
(Helianthus)

Excellent for background work. Pkt., 10c; $\frac{1}{2}$ oz., 30c.

(P) **SWEET ROCKET** 2 ft. Excellent for garden and for cutting.

Hesperis Matronalis. Pkt., 10c; $\frac{1}{2}$ oz., 30c.

(P) **SWEET WILLIAM** 18 in.
An excellent border plant and fine for cut flowers.

Dark Crimson. Pkt., 10c; ¼ oz., 40c.

Pink Beauty. Pkt., 10c; ¼ oz., 40c.

Double Mixed. Pkt., 10c; ¼ oz., 35c.

Single Mixed. Pkt., 10c; ½ oz., 30c.

(A) **THUNBERGIA** 4 ft.
(Black-eyed Susan)

Free - flowering, handsome climber of rapid growth. Splendid for hanging baskets or window boxes.

Finest Mixed. Pkt., 10c; ¼ oz., 35c.

(P) **VALERIANA** 2 ft.
(Garden Heliotrope)

Hardy, perennial border plants bearing large fragrant flowers, odor resembling that of the Heliotrope.

Mixed. Pkt., 10c; ¼ oz., 35c.

(A) **VERBENA** 8 in.

This popular creeping plant has dark green foliage, which is enlivened with clusters of many bright colored flowers.

Hybrida Grandiflora Mixed. Pkt., 10c; ¼ oz., 35c.

(P) (R) **VERONICA** 2-3 ft.

A showy plant for sunny borders, belonging to the fox-glove order.

Spicata Mixed. Pkt., 10c; ¼ oz., 55c.

Longifolia, Deep Blue. Pkt., 15c.

(A) **VINCA** 1 ft.
(Periwinkle)

An excellent edging and border plant with round single flowers that bloom freely all summer.

Mixed. Pkt., 10c; ¼ oz., 35c.

WALLFLOWER 1-1½ ft.

The oriental coloring of the fragrant flowers is very effective. Very suitable for pot culture.

Annual Double Mixed. Pkt., 10c; ¼ oz., 40c.

Perennial Single Mixed. Pkt., 10c; ¼ oz., 45c.

(A) **WILD CUCUMBER**

One of the quickest growing vines. It is excellent for covering trellises, fences, etc. Pkt., 10c.

(A) **XERANTHEMUM** 2 ft.

Bright and pretty everlasting with silvery foliage and silky flowers in pink, white and purple.

Double Mixed. Pkt., 10c; ½ oz., 30c.

(A) **ZINNIAS** 3-4 ft.
(Youth and Old Age)

One of the most gorgeous annuals with a wonderful range of color. This old-fashioned flower is extremely double, has long stems, and continues to bloom until killed by frost.

Giant Mammoth Mixed. Pkt., 10c; ½ oz., 30c; ¼ oz., 45c.

Dahlia Flowered Mixed Gold Medal. (Special). Pkt., 10c; ½ oz., 30c; ¼ oz., 50c.

Golden State. Pkt., 10c; ½ oz., 45c; ¼ oz., 75c.

Crimson Monarch. Pkt., 10c; ½ oz., 45c; ¼ oz., 75c.

Purple Prince. Pkt., 10c; ½ oz., 45c; ¼ oz., 75c.

Exquisite (Rose). Pkt., 10c; ½ oz., 45c; ¼ oz., 75c.

Elegans Lilliput Mixed. (Pom-pom) (12-15 in.). Pkt., 10c; ¼ oz., 35c.

WILD GARDEN MIXTURE

A well-balanced mixture of hardy annuals suitable for planting in odd corners and vacant lots. Gives excellent experience for children's planting. Pkt., 10c; 1 oz., 25c.

CUT FLOWER GARDEN MIXTURE

A mixture of hardy annuals blended to give a continuous succession of cut flowers from early summer until late fall. Pkt., 10c; 1 oz., 25c.

SPECIAL
12 10c Packets \$1
Flower Seeds

BULBS AND ROOTS

CANNAS

We can furnish leading varieties of plants about May 15th, on which prices will be quoted on request.

CALADIUM BULBS (Elephant Ears)

Ask for prices.

DAHLIAS

Can supply leading named varieties of Cactus, Decorative, Ball and Show types. Prices on request.

GLADIOLUS

Selected stock in named varieties and mixture.

TUBEROSES

Each, 8c; dozen, 70c.



PEAT MOSS

Our stock is extra select.
Price per bale:

POULTRY, \$2.20.

HORTICULTURAL, \$2.30.

5 bales at 10c per bale less than single bale price.

HYPER-HUMUS

An excellent article to incorporate with poor soil in the garden, greenhouse or in potting plants. When used in garden work, the ground should be covered with ½ to 2 inches of Humus and spaded in.

5 lbs., 35c; 10 lbs., 60c;
25 lbs., 85c; 50 lbs., \$1.35;
100 lbs., \$2.25; 500 lbs.,
\$10.00; ½ ton, \$14.00; ton,
\$24.00.

We carry in stock the following **GARDEN SUPPLIES**.
Ask for prices.

Planet Jr. Seeders
Planet Jr. Cultivators
Planting Dibbles
Hand Weeders and
Trowels
Goodwin Grass Shears
Norcross Weeders
Earthen Flower Pots
Paper Flower Pots
Earth Bands
Garden Hose
Lawn Mowers
Japanese Beetle Traps
Cane Stakes
Wooden Markers
Planting and Picking
Bags
Garden Fertilizer
Nitrate Soda
Acid Phosphate
Sulphate Ammonia
Muriate Potash
Floranid
Nitrophoska

WIZARD Sheep Manure

For LAWNS, FLOWERS, VEGETABLES

It supplies your soil with large quantity of plant food and organic matter, at the same time making it loose and mellow. It is a natural concentrated manure that gives the soil what it needs to make things grow. It is prepared from especially selected sheep manure, free from inferior matter and rubbish. It is thoroughly dried and sterilized by a special direct heat process, avoiding the danger of weed seeds which are eliminated through the sterilization. WIZARD BRAND has been well known for many years as the most dependable and effective brand of sheep manure.

2 lbs., 15c; 5 lbs., 30c; 10 lbs., 50c; 25 lbs., 90c; 50 lbs., \$1.60; 100 lbs., \$2.85; 500 lbs., \$13.50; 1000 lbs., \$25.00; 2000 lbs., \$48.00.

Delivered price on request.

WIZARD SHREDDED COW MANURE

Same price as WIZARD Sheep Manure

BONE MEAL FOR LAWN FERTILIZER

Unusually rich in nitrogen and phosphoric acid, the two principal plant foods. We especially recommend this for lawns, gardens and greenhouses; insures steady, lasting supply of plant food. It is well to apply this during the fall or early in the spring.

5 lbs., 22c; 10 lbs., 38c; 25 lbs., 85c; 50 lbs., \$1.55; 100 lbs., \$2.90; 500 lbs., \$13.75.

Ask for ton price.

Delivered price on request.

VIGORO

Complete plant food

You can beautify your home by having a velvety green lawn, crisp vegetables, colorful flowers, luxuriant shrubbery and stately trees, if you will keep in mind the fact that plants like human beings must be fed—and fed the right kind of plant food. You can enjoy these beauties of nature if you use good seed, plants, bulbs, and the right plant food.

VIGORO is especially prepared to supply growing things with all of the plant food elements needed for rapid, sturdy and luxuriant growth. It is odorless, clean and easy to apply. It can be sown by hand, like grass seed.

100 lbs., \$5.00; 50 lbs., \$3.00; 25 lbs., \$1.75; 5 lbs., 50c.

WHITE DUTCH CLOVER

Generally used for lawns. Also used in mixtures for permanent pasture. Our quality is extra fancy.

We make special effort to obtain this extra fancy quality, which is not to be compared with most of the White Clover offered.

$\frac{1}{4}$ lb., 20c; lb., 60c. Quantity price on request.

BLUE GRASS

KENTUCKY—Highest quality. Extra heavy seed.

1 lb., 35c; 100 lbs., \$30.00.

Have a Beautiful Lawn

Sow Cassel's Dependable Lawn Seed

In starting a lawn a quick-greening grass is usually desired for appearance and is of advantage in order to smother out the weeds that will always naturally grow in new ground. For this we have prepared our

GREEN QUICK LAWN GRASS SEED

which consists of a selected variety of most desirable grasses, including White Clover, suitable for quickly producing a beautiful velvety green lawn within a short time after planting, and at the same time contains the varieties that are needed to make a permanent lawn, forming a thick, fine turf that will stand drought well. It grows quickly, and we recommend its use on new lawns and embankments. It has been giving most excellent and pleasing results in past years. Contains only the highest re-cleaned qualities of the heaviest grades of seed and we avoid using grades of seed that are light and bulky, containing a large amount of chaff, which could be sold at a much lower price but cannot produce the desired results. Light weight seed containing much chaff is usually sold by quart or bushel measure and to the buyer this is paying for an unknown quantity and quality.

When the lawn has been well established with a good cover of grass from the Green Quick Lawn Seed, it is then advisable to add additional seed in the early spring of each year so that the lawn may be well kept up with a fine velvety cover, and for this purpose of top dressing with seed we recommend our

EVERGREEN LAWN GRASS SEED

which is a high grade mixture of fine permanent grasses and White Clover, to give splendid results and pleasing appearance. We do not recommend this Evergreen Mixture for starting lawns.

Good seed is of great importance. However, to secure a good lawn, care should be taken in the selection and preparation of the top soil. There should be good, rich, loose ground to the depth of 5 or 6 inches from the level of the lawn and the land should be well drained and graded. Have ground well pulverized and an addition of Bone Meal and Wizard Sheep Manure over the surface, raked in before seed is sown, will be of much advantage. Sow seed at the rate of 1 lb. for 600 square feet; 60 to 100 lbs. per acre. For top dressing in the spring of the year only half this quantity is needed.

In seeding a new lawn where the sower is not well experienced in sowing lawn seed, it will be of advantage to divide the seed in two parts and sow first in one direction, lengthwise, and then sow the second part crosswise. This will avoid a streaky lawn by giving a more even application of seed.

After seed is planted, roll the ground so as to retain moisture to the surface of the lawn.

New lawns should be started during spring and early summer, or after middle of August, but not during the hot summer weather. After seed has been started, another application of Wizard Sheep Manure may be given to produce more rapid growth. Bone Meal and Sheep Manure should be added each spring to continue a good lawn. If lawn is watered in summer, it should be thoroughly soaked frequently. A light application of water is harmful, as the hot sun will scorch the newly sprouted seed.

GREEN QUICK LAWN GRASS SEED

1 lb., 40c; 10 to 24 lbs. at 38c per lb.; 25 lbs. and over at 35c per pound.

EVERGREEN LAWN GRASS SEED

1 lb., 40c; 10 to 24 lbs. at 38c per lb.; 25 lbs. and over at 35c per pound.

SHADY LAWN GRASS SEED

1 lb., 50c; 10 to 24 lbs. at 48c per lb.

RED CLOVER

One Quality Only—The Very Best

For season 1932 we have provided seed, selected from the highest qualities obtainable and from the best producing sections. It is extra re-cleaned over special process re-cleaning mills, and is of high purity and germination. It is Northern grown from sections that will withstand severe winter.

The ideal time to sow Clover is during the late winter or early spring on a morning when the soil is honey-combed by frost. The first slight thaw will enclose nearly every seed and enable it to start a strong growth. Sow 4 to 6 quarts per acre in the spring where Timothy has been sown earlier. If Clover only is desired, sow 6 to 8 quarts per acre.

Samples on request.

U. S. GOV'T. VERIFIED ORIGIN

Purity 99.50% to 99.70%
Present price subject to change.

BUSHEL, 60 lbs., \$11.90

Bags free. Delivered price on request.

Market variable. Ask for current price list.

To inoculate Red Clover and Alsike use
NITRAGIN

Postpaid prices: $\frac{1}{4}$ bu. size, 40c; $\frac{1}{2}$ bu. size, 60c; bu. size, \$1.00; 5 bu. size, \$4.75

ALSIKE

This is generally used in connection with Timothy, Red Clover or pasture mixtures. It is somewhat more sure in taking, and is less likely to winter kill and, owing to its spreading root, it seldom is affected by heaving out action of frost. When used with Red Clover in early spring, a combination of one part Alsike and two parts Red Clover is desirable. When sown alone, use 3 to 5 quarts per acre. Inoculation will be profitable.

Our seed is of extra high quality and purity.

Samples on request.

Present price subject to change.

BUSHEL, 60 lbs., \$12.00

Bags free. Delivered price on request.

Market variable. Ask for current price list.

TIMOTHY

Our **DEPENDABLE QUALITY** seed is the "Cream of the Crop," the purity running from 99.65% to 99.90%. We are very particular in selecting our Timothy Seed so as to have plump, large seeds, of bright color which will please the most critical buyers. Sow 8 to 10 lbs. per acre, with Wheat and if alone, 15 to 20 lbs. per acre.

Samples on request.

Present price subject to change.

BUSHEL, 45 lbs., \$3.25

Bags free. Delivered price on request.

Market variable. Ask for current price list.

WHITE BLOSSOM SWEET CLOVER

For enriching soil fertility, for forage, pasture and soil improvement. Will grow in almost any climate and on almost any type of soil, thriving on land too poor for Alfalfa or Red Clover. It is a biennial, quick growing, attaining good height. Fits well into rotation scheme and may be sown with Corn at the time of last cultivation or following a crop of winter grain. As hay and green forage, similar to Alfalfa in feeding value. Stock seldom like it when first offered to them, but soon develop a decided preference for it provided it is cut before it reaches the blossom stage. An excellent nitrogen gatherer and soil improver. Seed should be inoculated. Desirable for sheep and cattle pasture. Sow 20 to 25 lbs. per acre.

Our present stock of White Blossom Sweet Clover is of unusually high quality, large, bright, seed. Dakota grown. This grade of seed is not to be compared with the ordinary qualities that are generally offered. Samples on request.

Present price subject to change.

BUSHEL, 60 lbs., \$5.70

Bags free. Delivered price on request.

Market variable. Ask for current price list.

To inoculate White Blossom Sweet Clover use **NITRAGIN**

Postpaid prices: $\frac{1}{4}$ bu. size, 40c; $\frac{1}{2}$ bu. size, 60c; bu. size, \$1.00; 5 bu. size, \$4.75

PERMANENT PASTURE MIXTURE

This mixture consists of the grasses and clovers most desirable for producing well covered permanent pasture. Only the highest qualities are used in this mixture. Bushel will sow $2\frac{1}{2}$ acres.

Present price subject to change.

BUSHEL, 40 lbs., \$8.00

Bags free. Delivered price on request.

Market variable. Ask for current price list.

SUDAN GRASS

Belongs to the Sorghum family. May be cut 3 or 4 times a season. For hay and summer pasture. Adapted to any soil and most climates, will stand hot weather and can be planted very late. It is a good catch crop. Makes pasture in 30 days. Yields heavy crop of leafy fine stemmed hay, rich in feeding analysis and relished by livestock. Plant as soon as weather is warm. In rows 4 to 6 lb. per acre. Broadcast 15 to 25 lb. per acre.

\$4.90 per 100 lbs.; less than 10 lbs., 7c lb.

HERD GRASS or RED TOP

Solid seed. Unusually high purity.

\$20.00 per 100 lbs.; less than 10 lbs., 25c lb.

CRIMSON CLOVER

Used as a soil enricher. Generally sown at the last time of corn cultivation. 15 lbs. per acre.

BUSHEL, 60 lbs., \$6.00

ALFALFA

Alfalfa deserves to rank first among legumes. It is the mainstay of the dairy man, furnishing more green forage and more dry hay per acre than any other known variety of grass for hay. It is relished by the stock for feed. It is worth more per pound as dry matter than any other forage and as a nitrogen gatherer it is equal to any of the Clovers. Since a good stand of Alfalfa once established will last from three to ten years or more depending on the severity of the winters and on soil conditions, it is seldom included in the crop rotation scheme but allowed to stand until eventually it runs out. It can be cut three or four times a season and should be cut before coming into blossom. It is extremely deep-rooted, consequently withstanding drought better than most other legumes. It should be planted on well-drained, deep, sweet fertile soil, well prepared with an application of lime, and should be planted at a time when the soil is not deficient in moisture. In preparing soil for Alfalfa the growing and plowing under of one or two crops of sweet clover or soja beans will prove helpful. Seed should be inoculated, which assists nature in developing a hardy growth, this can be done at small cost. Seed may be sown as soon as the ground can be put in condition in Spring. August is also a desirable time if weather will permit. Even though all the above conditions are complied with, it is important to have the highest quality seeds of known origin.

Our seed, as offered below, is all of the highest quality obtainable, with average purity from 99.50% to 99.75%, of origin that is adaptable for use in Pennsylvania and adjoining sections and the cream of the crop. Sow 20 to 25 pounds per acre. A small quantity is often used in connection with red clover and alsike to assist in inoculating ground for later alfalfa stand.

Present prices subject to change.

GRIMM'S MICHIGAN GROWN, Bu., 60 lb., \$13.20
NORTHWESTERN Bu., 60 lb., \$12.00
KANSAS Bu., 60 lb., \$10.80

Bags free. Delivered prices on request.

Market variable. Ask for current price list.

To inoculate Alfalfa use
NITRAGIN

Postpaid prices: $\frac{1}{4}$ bu. size, 40c; $\frac{1}{2}$ bu. size, 60c; 1 bu. size, \$1.00; 5 bu. size, \$4.75.

Use Lime To Correct Soil Acidity



Cyclone Seeder,

\$2.20 Postpaid

SORGHUM or AMBER CANE

In drills 12 lbs. per acre. Broadcast 40 to 50 lbs. to acre.

\$4.00 per 100 lbs.; less than 10 lbs., at 6c lb.

DWARF ESSEX RAPE

Used as a quick pasture for cattle, hogs and sheep. Sow four to six lbs. per acre.

\$6.00 per 100 lbs; less than 10 lbs., at 8c per lb.

Farm Seeds not listed can be supplied on special order. Prices on request.

SOY BEANS

Increase Crops and Enrich Soil

Soy Beans have come from the Orient where they have been grown for centuries for both human and animal food. They can be grown wherever corn can be grown and serve a double purpose, for forage in the way of hay, pasture or silage and for soil improvement. The hay or silage has great value for its high protein content and best results are obtained when fed with corn. Will grow in almost any kind of soil but require warm weather. Should be sown between May 10th and July 15th. There are many different varieties but we offer only those which produce the most satisfactory results in this section. Plant one or two bushels per acre.

Prices are variable, subject to change. Delivered prices on request. Ask for current price list.

EARLY MANCHU—About 8 days earlier than Wilson Black. Produces heavy forage and is a desirable variety.

Bu., 60 lbs., \$1.60; peck, 50c. Bags free.

WILSON BLACK—This variety has been the favorite among Eastern farmers as a general purpose variety. Matures in about 120 days. One of the best for hay and silage on account of its tall growth and slender stems and branches which make the finest hay. On poor ground will grow as high as 4 feet and on fertile ground as high as 6 feet. This variety is early enough to mature beans in Southeastern Pennsylvania. The bean is black and medium sized, therefore having a greater number of beans to the bushel.

Bu., 60 lbs., \$1.80; peck, 55c. Bags free.

MAMMOTH YELLOW—This variety is used in Pennsylvania for hay and plowing under only, as the beans will not mature on account of being a late variety. Seeds are yellow and larger than Wilson Black. Growth is large, coarse and bushy

Bu., 60 lbs., \$1.80; peck, 55c. Bags free.

To inoculate Soy Beans use
NITRAGIN

Postpaid prices: 1 bu. size, 40c; 2 bu. size, 70c; 5 bu. size, \$1.50; 10 bu. size, \$2.50; 30 bu. size, \$7.00; 50 bu. size, \$11.00.

CANADIAN FIELD PEAS

These are entirely different from the regular Cow Peas. For best results should be sown with oats, using 1 bu. peas to 2 bu. oats per acre. Desirable for both green feed and hay. Our stock is extra fancy.

Bu., 60 lbs., \$2.95; peck, 90c. Bags free.

To inoculate Field Peas use
NITRAGIN

Postpaid prices. $\frac{1}{2}$ bu. size, 40c; 1 bu. size, 60c; 5 bu. size, \$2.50.

Selected Heavy Swedish Type Seed Oats

This is a Swedish type of selected oats adapted for use throughout Eastern Pennsylvania. It is re-cleaned over our special re-cleaning process avoiding the danger of Mustard and other undesirable weed seeds and assuring large, full sized grains which permits a smaller quantity being sown to the acre. Use Ceresan to disinfect.

Usually $2\frac{1}{2}$ to 3 bushels are sown per acre.

Market variable. Ask for price when interested.

BUCKWHEAT

JAPANESE—Sow early in July about 1 bu. per acre.

Ask for price.

BARLEY

Two bushels per acre usually sown.

SIX ROW. Bus., 48 lbs., \$1.40.

SPRING WHEAT

MARQUIS—Plant 2 bu. per acre. This variety has proven most adaptable for Eastern Pennsylvania and has given best results. It is about 10 days earlier than ordinary types which means much in avoiding damage by smut, rust and hot dry winds. Beardless, with smooth yellow chaff. While it cannot be sold as low in price as some ordinary kinds, it is more profitable and will prove well worth the difference in cost.

Price on request.

WINTER WHEAT

Our stock is re-cleaned over special process. Get in touch with us in August or early September for prices. Leading varieties are Leap's Profitic, Forward and Pennsylvania "44."

MILLET

Sow 1 bushel to acre.

GOLDEN—

\$2.00 per bushel, 50 lbs.; 6c per lb.

HUNGARIAN—

\$2.10 per bushel, 48 lbs.; 6c per lb.

VETCH

SAND or HAIRY—30 lbs. per acre. Is used for hay or plowing under.

\$10.50 per 100 lbs.; lb., 13c.

SPRING—\$6.50 per 100 lbs., lb., 9c.

Recleaning of Farmers' Own Grain For Seed

We are equipped to do at the following prices:

Wheat and Rye, 20c per 100 lbs.; Oats, 25c per 100 lbs.; Timothy and Clover, 40c per 100 lbs. Minimum charge, 50c.

SEED CORN

All our Corn is tested and proven to be of high germination before we sell same to our trade. We are extremely particular about the germination of our Corn and those securing our stock should have excellent results.

Market is variable. Prices on request. Owing to uncertain market conditions we are not quoting prices when catalog goes to press, therefore ask for prices when interested.

We carry the following varieties in stock:

LANCASTER COUNTY SURECROP — A Corn that has proven quite satisfactory for giving a profitable crop on ordinary soil. Ear is long, matures in about 100 days, grain is dark in color, otherwise similar to our Montgomery County Surecrop. This is sometimes used as an ensilage corn. We strongly recommend this variety as most desirable for general use. Our stock is extra select.

GOLDEN SURECROP — Similar to Lancaster County Surecrop, except the color is Golden.

MONTGOMERY COUNTY SURECROP — This variety has met with great favor among our Montgomery and Bucks County farmers. Produces large ears, often 12 inches long, with a broad, medium-long kernel. Light yellow or cream color on the cap or outside of the ear, and a medium yellow dent. Usually matures in about 100 days. Large fodder, and is a Corn that will do well on poorer ground than most Corns. It is also desirable for a yellow ensilage Corn for silos.

WHITE CAP GOLDEN DENT—

EARLY GOLDEN DENT—A dependable variety producing a good crop on ordinary soil. Ears good size. Requires about 90 days for maturity.

PENNA. YELLOW FLINT—

REID'S YELLOW DENT—A well known variety maturing in about 115 days.

LONG'S CHAMPION — An extra large cropper, but requires a long season. Ears are long.

LEAMING — A well known dependable early variety, about 90 days for maturity.

JOHNSON COUNTY WHITE — The leading White Field Corn.

VIRGINIA ENSILAGE — This variety continues to gain in popularity for ensilage purposes. Makes unusually large growth of broad, thick, succulent fodder. Very productive and may be used for green feeding or silo ensilage. Our stock is bred especially for ensilage purposes and grown in Virginia. We recommend it as most desirable.

EUREKA ENSILAGE (Virginia Grown) — A well-known, extra large fodder, heavy yielding, white ensilage Corn. Ears are long, often two to a stalk. Should be grown on good land.

STANLEY'S CROW REPELLENT — Keeps crows from pulling corn. Not poisonous. Saves time of replanting. Satisfaction guaranteed.
Small can, for 1 bu., 60c; large can, for 2 bu., \$1.00. Postpaid.

Garden Size for Garden Peas, Sweet Peas,
Beans and Lima Beans, 25c.

DEPENDABLE POULTRY SUPPLIES AND REMEDIES

We are headquarters for Poultry Supplies and Remedies, these having been a specialty with us for many years. Our stock is complete of leading remedies and of latest improved equipment well made of strong material. All are attractively priced. Owing to the uncertain and changing conditions, we are not illustrating and pricing these items in this issue. We invite you to call and inspect our stock of the following and ask for prices:

CLEANABLE THERMIC FOUNTAINS
 CLEANOUT BUCKET STYLE FOUNTAINS
 EARTHEN FOUNTAINS
 ELECTRIC FOUNTAINS
 ELECTRIC FOUNTAIN HEATERS
 FLOAT VALVE BUCKET STYLE
 FOUNTAINS
 HOODED CLEANOUT FOUNTAINS
 HOODED WALL FOUNTAINS
 JAR CHICK FOUNTAINS (Glass Bottoms)
 CHICK FEED TROUGHS
 COMBINATION GRIT AND
 FEED HOPPERS
 GREEN FEED TROUGHS
 GRIT AND SHELL BOXES
 GUINEA PIG FEEDERS
 GUINEA PIG WATER CUPS
 HANGING FEEDERS
 MASH HOPPERS
 MILK FEEDERS
 OAT SPROUTERS
 RABBIT FEEDERS
 RABBIT WATER CUPS
 WIRE TOP FEED TROUGHS
 CEL-O-GLASS
 EGG PRESERVER
 FLEX-O-GLASS
 NEST EGGS
 PLATFORM SCALES (Fairbanks)
 BROODER THERMOMETERS
 INCUBATOR THERMOMETERS
 BROODER WAFERS
 PEAT MOSS

COMPRESSED AIR SPRAYERS
 HAND DUSTERS AND SPRAYERS
 DRAFT CONTROLS
 B-K DISINFECTANT
 "BLACK LEAF 40"
 BUNNY INHALANT
 CARBOLA
 CARBOLINEUM, AVENARIUS
 CHICK TABLETS, DR. HESS
 CHICTONE
 CHICTONE INHALANT
 COD LIVER OIL, MEDICINAL, U. S. P.
 COD LIVER OIL, POULTRY, U. S. P.
 CONKEY'S DIATEX
 CONKEY'S PILLS FOR SIMPLE COLDS
 DISINFECTANT
 GERMOZONE, LEE'S
 GIZZARD CAPSULES, LEE'S
 INSECT POWDER
 LEGBANDS, COLORED CELLULOID
 LEGBANDS, NUMBERED PIGEON
 LICE KILLER, LIQUID
 LOUSE POWDER, DR. HESS
 MULTUM IN PARVO (Poultry Powder)
 PHENOLENE
 POULTRY TABLETS for COLDS—Dr. Hess
 STERILAC
 TOEPICK
 TOBACCO POWDER
 TOBACCO STEMS
 WORM CAPSULES
 BARRELED SUNLIGHT PAINT



Cardboard Egg Boxes

3x4 FLAP COVER, \$7.50 per 1000;
 \$1.88 per 250; less @ 1c each.
 3x4 TELESCOPE LOCK TOP, no string needed,
 \$8.50 per 1000; \$2.13 per 250, less @ 1c each.
 2x6 TELESCOPE LOCK TOP, \$11.50 per 1000;
 \$2.88 per 250; less @ 1 1/4c each.

Big Royal Brooder Stoves

We highly recommend these Royal Brooders, having sold them for years with excellent results, and they are right priced. Satisfaction guaranteed.

Large coal capacity; burn soft or hard coal or coke. Double draft and automatic thermostat control. Wide rocker grates with ribbed firepots; self-cleaning. Front of canopies hinged for convenience.

NEW LOW PRICES

No. 5 —500 Chick size, 52 in. hover \$14.75
 Coal capacity—44 lbs.
 No. 6—1000 Chick size, 56 in. hover \$17.90
 Coal capacity—58 lbs.
 No. 7—1500 Chick size, 60 in. hover \$23.90
 Self Feeding Coal Magazine. Coal capacity—73 lbs.

FEEDS

Our stock of Dependable Feeds is of the highest quality obtainable. We make extra effort to maintain our uniform high quality at all times, and our prices are reasonable for the grades we are offering.

Market is variable and lowest prices will be quoted on request. Ask for prices whenever interested.

PINHEAD CUT OATMEAL

OAT GROATS

ROLLED OATS

FINE GROUND OATMEAL

WHEAT

WHEAT—HARD

WHEAT BRAN

WHEAT MIDLINGS

CORN—RECLEANED

CRACKED CORN

CORN MEAL

FLINT CORN

KAFFIR

GLUTEN

OIL CAKE MEAL

COTTONSEED MEAL

OATS—HEAVY

CHOPPED OATS

ALFALFA LEAF MEAL

ALFALFA MEAL

BUCKWHEAT

BARLEY

CANADIAN PEAS

WRINKLED PEAS

MOLASSES HORSE FEED

BLATCHFORD'S CALF MEAL

MANAMAR

RABBIT PELLETS

RABBIT FEED

THISTLE or NIGER

BEEF SCRAP, 50% PROTEIN

BEEF SCRAP, 55% PROTEIN

FISH MEAL, 55% PROTEIN

BONE MEAL—STERILIZED STEAMED

DICALCIUM PHOSPHATE

GROUND LIMESTONE

BUTTERMILK—CONDENSED

BUTTERMILK—DRIED

SKIMMILK—DRIED

BIRD MILLET—RED AND YELLOW

BIRD VETCH

HEMP SEED

RICE

SUNFLOWER SEED

RAPE SEED

FLAX SEED

CANARY SEED

CANARY MIXTURE

SILVER BIRD GRAVEL

OYSTER SHELL—3 SIZES

OYSTER SHELL MEAL

MICA CRYSTAL GRIT—3 SIZES

RED CROSS GRIT FOR PIGEONS

FOUST HEALTH GRIT FOR PIGEONS

CHARCOAL—4 SIZES

CHARCOAL—LUMP

SALT—FEEDING

SALT—FREE RUNNING TABLE

SALT—ROCK

SALT BRICKS

SALT SPOOLS FOR RABBITS

SPECIAL NOTICE TO POULTRY RAISERS

We are well equipped to efficiently mix customers own formulas of feeds for which no extra charge is made. Our qualities are absolutely the best, and our customers are privileged to see just what goes into the mixtures. The feed is thoroughly mixed and the grain feed is recleaned after being mixed before being bagged, avoiding dust and dirt. An important fact is that our feed mixtures are re-weighed after being mixed and bagged so as to avoid any possibility of an error or oversight during the weighing out of the various materials entering into the mixture.

The use of Cod Liver Oil makes fresh mixing very important which also applies to other feeds and which results in a greater desire on the part of the poultry for these freshly mixed feeds over the western mixed feeds which of necessity are mixed several weeks to several months before being fed to the chickens.

FARM, GARDEN AND FLOWER SEED ORDER--1932

TO CASSEL'S SEED STORE
F. P. CASSEL'S SON **LANSDALE, PA.**

FROM _____ DATE _____

STREET _____ R. F. D. NO. _____

POST OFFICE _____ STATE _____

HOW SHIP _____ AMOUNT ENCLOSED \$ _____

PRICES ON VEGETABLE AND FLOWER SEEDS ARE POSTPAID

[illegible]

THIS ORDER SUBJECT TO THE FOLLOWING CONDITIONS:

DISCLAIMER—F. P. Cassel's Son gives no warranty, express or implied, as to the description, quality, productiveness or any other matter of any seeds, bulbs, roots or plants he sells, and will not be responsible for the crop.

Dependable Mixed Feeds

We have been manufacturing highest quality baby chick food since 1884 and have a complete line of mixed poultry and pigeon feeds of strictly sound, high quality, carefully and uniformly mixed, and the mixed grains are carefully recleaned before being bagged, thus avoiding dust and dirt. They are always **DEPENDABLE**.

Owing to the present unusual uncertain conditions, we are not quoting prices on the following mixed feeds. When interested, please ask for firm quotations, and lowest prices will be quoted.

F. P. C. Chick Manna

For starting chicks, turkeys, pheasants and ducks strong, healthy and vigorous and producing quick growth. Feed dry or moistened.

Dependable Chick Starting Food

A complete food to meet the entire needs of the baby chick during the most critical period. This contains necessary minerals and vitamins including Cod Liver Oil, Milk and table quality Oatmeal, and furnishes nourishment to build strong, healthy bodies.

Mixed Cracked Grains For Chicks

Used in connection with Starting Food for about five weeks. Of high quality, strictly sound and sweet, which is so important for successful raising of chicks.

Dependable Chick Growing Mash Food

Made from only the most carefully selected, high quality material. It is wholesome and nutritious. Balanced in right proportions to give vigor and energy and provide that which is needed for rapid, strong development of muscles, bone and vital organs, and to produce rich blood, firm flesh and good plumage resulting in strong, husky, healthy, fully matured pullets ready for large egg production. Contains Cod Liver Oil and Milk.

Mixed Grains For Developing Chicks

Used in connection with Growing Mash after chicks are four or five weeks old to continue for three months.

Dependable Egg Mash Food

Furnishes the right egg-forming food materials for profitable egg production. This is composed of twenty high quality, selected ingredients properly balanced with right kind of minerals and vitamins and both animal and vegetable protein. Easily assimilated for abundant egg production. Eagerly eaten by hens, thus keeping them in healthy, vigorous condition. Contains Cod Liver Oil and Milk.

Mixed Grains For Poultry

Formulas No. 1 and No. 2 comprise a variety of sound quality, selected grains, properly balanced.

Mixed Grains For Pigeons

Can supply four different formulas, all of highest qualities, for squab raising and show birds.

SEED PLANTING GUIDE

Vegetable and Flowers Seeds

Based on favorable spring weather conditions

FEBRUARY—House or hotbed. Early Cabbage, Cauliflower, Pepper, Egg Plant, Tomato, Chinese Celery Cabbage.

MARCH—House or hotbed. Lettuce, Parsley, Radish, Kohl Rabi, Celery, Muskmelon, Cucumber, Flower Seeds. Cold frames: Beets, Cabbage, Celery, Cauliflower, Head Lettuce, Parsley, Radish, Kohl Rabi, Carrot, Onion. In open ground: Sweet Peas, Smooth Early Peas, Radish, Early Potatoes, Lettuce.

APRIL—In open ground: Asparagus, Asparagus Roots, Beet, Broccoli, Brussels Sprouts, Carrot, Celeriac, Celery, Chicory, Chinese Cabbage, Corn Salad, Cress, Endive, Kale, Kohl Rabi, Leek, Lettuce, Onion, Onion Sets, Parsley, Parsnip, Early Peas, Rhubarb Roots, Radish, Sorrel, Spinach, Swiss Chard, Turnip, Dandelion, Collards, Potatoes, Horse Radish Roots, Mustard, Rhubarb Roots, Lawn Grass Seed.

MAY—Asparagus Seed, Bush Beans, Pole Beans, Lima Beans, Peas, Sweet Corn, Muskmelon, Watermelon, Parsnips, Pumpkin, Squash, Cucumber, Salsify, Chicory, Okra, Peanuts, Sweet Potatoes, Herbs, Mangel Beets, Broom Corn, Winter Cabbage, Cauliflower, Rhubarb, Pepper Plants, Tomato Plants, Flower Seed, Gladiolus, Cannas, Dahlias, Tuberose, Caladiums, Peonies, Nasturtium.

JUNE—Cress, Kale, Kohl Rabi, Lettuce, Summer Radish, Chicory, Winter Beans, Carrots, Chinese Cabbage, Gladiolus.

JULY—Bush Beans, Winter Beets, Lettuce, Turnip, Ruta Baga, Winter Radish, Spinach, Endive, Cabbage Plants, Gladiolus.

AUGUST—Kale, Mustard, Winter Radish, Peas, Spinach, Perennial Flowers.

SEPT. and OCT.—Asparagus Roots, Rhubarb Roots, Winter Onion Sets, Corn Salad, Spinach, Peonies, Hyacinths, Tulips, Crocus, Narcissus.

Farm Seeds

MARCH—Red Clover, Alsike, White Blossom Sweet Clover, Timothy.

APRIL—Potatoes, Oats, Spring Rye, Spring Wheat, Speltz, Canadian Field Peas, Barley, Spring Vetch, Blue Grass, Herd Grass, Dwarf Essex Rape.

MAY—Sudan Grass, Soja Beans, Cow Peas, Sorghum or Amber Cane, Field Corn, Popcorn.

JUNE—Millets.

JULY—Buckwheat, Sand or Hairy Winter Vetch, Crimson Clover.

AUGUST—Timothy, Clover, Alsike, Permanent Grass Mixtures.

SEPTEMBER—Timothy, Winter Rye, Winter Wheat.

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